



# Anti-Alpha fetoprotein polyclonal antibody (CPBT-65854RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Rabbit anti Human alpha Fetoprotein antibody recognizes human alpha fetoprotein, and shows positive staining of parenchymal cells of fetal liver and neoplastic liver cells showing yolk sac differentiation in germ cell tumours. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections. |
| <b>Specificity</b>        | ALPHA FETOPROTEIN                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target</b>             | Alpha fetoprotein                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>          | Human Alpha-1-Fetoprotein (cord serum)                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b> | Human, Pig, Sheep                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>       | IHC-Fr; IHC-P                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Format</b>             | Purified IgG - liquid                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Size</b>               | 1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Preservative</b>       | 0.1% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>            | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.                                                                                                                                                                                                                                                                                       |

# GENE INFORMATION

|                     |                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name           | <a href="#">AFP alpha-fetoprotein [ Homo sapiens (human) ]</a>                                                                            |
| Official Symbol     | AFP                                                                                                                                       |
| Synonyms            | AFP; alpha-fetoprotein; AFPD; FETA; HPAFP; alpha-fetoglobulin; alpha-1-fetoprotein; ALPHA FETOPROTEIN;                                    |
| Entrez Gene ID      | <a href="#">174</a>                                                                                                                       |
| Protein Refseq      | <a href="#">NP_001125</a>                                                                                                                 |
| UniProt ID          | P02771                                                                                                                                    |
| Chromosome Location | 4q13.3                                                                                                                                    |
| Pathway             | Direct p53 effectors; FOXA2 and FOXA3 transcription factor networks; Glucocorticoid receptor regulatory network; Hippo signaling pathway; |
| Function            | metal ion binding;                                                                                                                        |