

Catalase-Specific antibody

Product Information

| | |
|---------------|--|
| Catalog No.: | FNab01302 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

Background

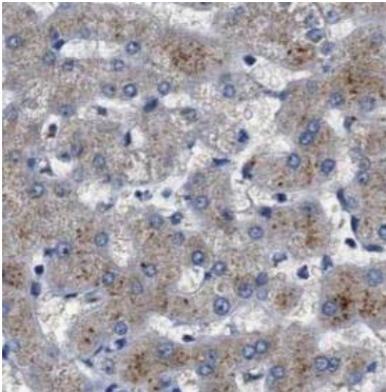
CAT(Catalase) belongs to the catalase family. It is involved in catabolic pathway of activated oxygen species and free radical detoxification and the catalase overexpression has a protective role against UVB irradiation by preventing DNA damage mediated by the late ROS increase. Mammalian catalase of approximately 240 kD occurs as a complex of 4 identical subunits, each of which contains 526 amino acid residues(PMID:19122680). Defects in CAT are the cause of acatalasemia(ACATLAS). This antibody is specific to CAT.

Immunogen information

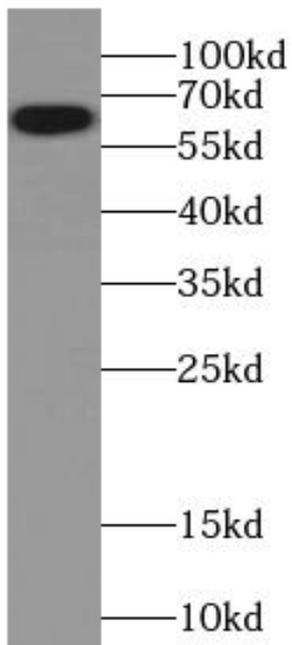
| | |
|--------------|--------------|
| Immunogen: | catalase |
| Synonyms: | Catalase CAT |
| Observed MW: | 60 kDa |
| Uniprot ID : | P04040 |

Application

| | |
|-----------------------|--|
| Reactivity: | Human |
| Tested Application: | ELISA, WB, IF, IHC |
| Recommended dilution: | WB: 1:1000-1:4000; IHC: 1:20-1:200; IF: 1:10-1:100 |
| Image: | |



Immunohistochemistry of paraffin-embedded human hepatocirrhosis using FNab01302(CAT-Specific antibody) at dilution of 1:100



HT-1080 cells were subjected to SDS PAGE followed by western blot with FNab01302(CAT-Specific antibody) at dilution of 1:1000