

# Immunotag™ S35B2 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITN1823                                                                                                                                                            |
| Product Description    | Immunotag™ S35B2 Polyclonal Antibody                                                                                                                               |
| Size                   | 50 µg, 100 µg                                                                                                                                                      |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                      |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein         | S35B2                                                                                                                                                              |
| Clonality              | Polyclonal                                                                                                                                                         |
| Storage/Stability      | -20°C/1 year                                                                                                                                                       |
| Application            | WB,ELISA                                                                                                                                                           |
| Recommended Dilution   | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                   |
| Concentration          | 1 mg/ml                                                                                                                                                            |
| Reactive Species       | Human,Mouse                                                                                                                                                        |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | Synthesized peptide derived from part region of human protein                                                                                                      |
| Specificity            | S35B2 Polyclonal Antibody detects endogenous levels of protein.                                                                                                    |
| Purification           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen                                               |
| Form                   | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                     |
| Gene Name              | SLC35B2 PAPST1 PSEC0149                                                                                                                                            |
| Accession No.          | Q8TB61 Q91ZN5                                                                                                                                                      |

## Antibody Specification

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| Description              | solute carrier family 35 member B2(SLC35B2) Homo sapiens Sulfotransferases (e.g., SULT4A1; MIM 608359) use an activated form of sulfate, 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS), as a common sulfate donor for sulfation of glycoproteins, proteoglycans, and glycolipids in the endoplasmic reticulum and Golgi apparatus. SLC35B2 is located in the microsomal membrane and transports PAPS from the cytosol, where it is synthesized, into the Golgi lumen (Kamiyama et al., 2003 [PubMed 12716889]).[supplied by OMIM, Mar 2008],          |
| Protein Expression       | Colon,Epithelium,Lung carcinoma,Lung fibroblast,Neuroblastoma,Place                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Subcellular Localization | Golgi membrane,Golgi apparatus,membrane,integral component of membrane,integral component of Golgi membrane,integral component of endoplasmic reticulum membrane,                                                                                                                                                                                                                                                                                                                                                                                              |
| Protein Function         | function:Mediates the transport of adenosine 3'-phospho 5'-phosphosulfate (PAPS), from cytosol into Golgi. PAPS is a universal sulfuryl donor for sulfation events that take place in the Golgi. May indirectly participate in activation of the NF-kappa-B and MAPK pathways.,online information:GlycoGene database,similarity:Belongs to the nucleotide-sugar transporter family. SLC35B subfamily.,tissue specificity:Highly expressed in the placenta, pancreas, mammary gland and skeletal muscle. Weakly or not expressed in colon, heart and prostate., |
| Usage                    | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |