



## S35B2 Polyclonal Antibody

| Catalog No         | YP-Ab-06690  |
|--------------------|--|
| Isotype            | IgG  |
| Reactivity         | Human;Mouse  |
| Applications       | WB;ELISA   |
| Gene Name          | SLC35B2 PAPST1 PSEC0149  |
| Protein Name       | Adenosine 3'-phospho 5'-phosphosulfate transporter 1 (PAPS transporter 1) (Putative MAPK-activating protein PM15) (Putative NF-kappa-B-activating protein 48) (Solute carrier family 35 member B2)   |
| Immunogen          | Synthesized peptide derived from part region of human protein  |
| Specificity        | S35B2 Polyclonal Antibody detects endogenous levels of protein.  |
| Formulation        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.   |
| Source             | Polyclonal, Rabbit,IgG   |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Dilution           | WB 1:500-2000 ELISA 1:5000-20000   |
| Concentration      | 1 mg/ml  |
| Purity             | ≥90%   |
| Storage Stability  | -20°C/1 year   |
| Synonyms           |  |
| Observed Band      | 47kD   |
| Cell Pathway       | Golgi apparatus membrane ; Multi-pass membrane protein .   |
| Tissue Specificity | Highly expressed in the placenta, pancreas, mammary gland and skeletal muscle. Weakly or not expressed in colon, heart and prostate.   |
| 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., |
| Background         | 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  |



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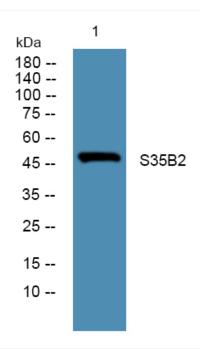
| matters needing |  |
|-----------------|--|
| attention       |  |

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night