Best Tools for immunology Research

# S35D2 rabbit pAb

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| **Catalog No :** | YT6698 |
| **Reactivity :** | Human;Mouse |
| **Applications :** | WB |
| **Target :** | S35D2 |
| **Gene Name :** | SLC35D2 HFRC UGTREL8 |
| **Protein Name :** | S35D2 |
| **Human Gene Id :** | 11046 |
| **Human Swiss Prot No :** | Q76EJ3 |
| **Mouse Gene Id :** | 70484 |
| **Mouse Swiss Prot No :** | Q762D5 |
| **Immunogen :** | Synthesized peptide derived from human S35D2 AA range: 267-317 |
| **Specificity :** | This antibody detects endogenous levels of S35D2 at Human/Mouse |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1□500-2000 |
| **Purification :** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |

**Molecularweight :** 37kD

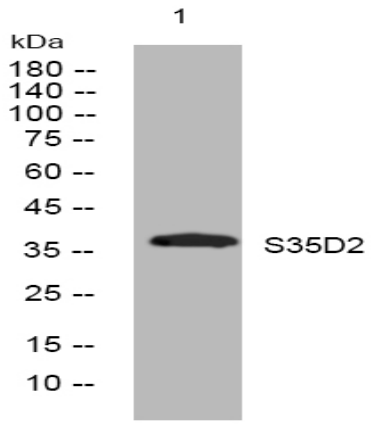
**Background :** Nucleotide sugars, which are synthesized in the cytosol or the nucleus, are high-energy donor substrates for glycosyltransferases located in the lumen of the endoplasmic reticulum and Golgi apparatus. Translocation of nucleotide sugars from the cytosol into the lumen compartment is mediated by specific nucleotide sugar transporters, such as SLC35D2 (Suda et al., 2004 [PubMed 15082721]).[supplied by OMIM, Mar 2008],

**Function :** function:Antiporter transporting nucleotide sugars such as UDP-N-acetylglucosamine (UDP-GlcNAc), UDP-glucose (UDP-Glc) and GDP-mannose (GDP-Man) pooled in the cytosol into the lumen of the Golgi in exchange for the corresponding nucleosides monophosphates (UMP for UDP-sugars and GMP for GDP-sugars). May take part in heparan sulfate synthesis by supplying UDP-Glc-NAc, the donor substrate, and thus be involved in growth factor signaling.,similarity:Belongs to the TPT transporter family. SLC35D subfamily.,tissue specificity:Highly expressed in heart, kidney, small intestine, placenta, lung and peripheral blood leukocyte. Weakly expressed in skeletal muscle and spleen. Not expressed in brain, colon and thymus.,

**Subcellular Location :** Golgi apparatus membrane ; Multi-pass membrane protein .

**Expression :** Highly expressed in heart, kidney, small intestine, placenta, lung and peripheral blood leukocyte. Weakly expressed in skeletal muscle and spleen. Not expressed in brain, colon and thymus.

## Products Images




Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night