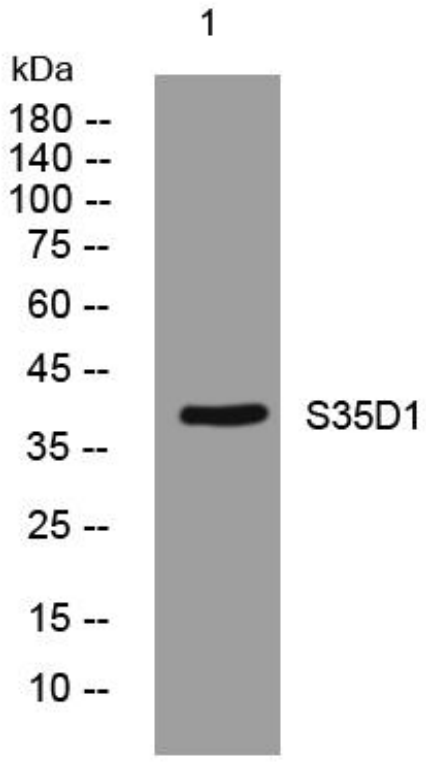
S35D1 mouse mAb

Catalog No	YP-mAb-07958
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SLC35D1 KIAA0260 UGTREL7
Protein Name	S35D1
Immunogen	Synthesized peptide derived from human S35D1 AA range: 91-141
Specificity	This antibody detects endogenous levels of S35D1 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.72% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1) (UDP-galactose transporter-related protein 7) (UGTrel7)
Observed Band	38kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Ubiquitous.
Function	disease:Defects in SLC35D1 are a cause of Schneckenbecken dysplasia [MIM:269250]. Schneckenbecken dysplagia is a rare, autosomal recessive, lethal short-limbed skeletal dysplasia with platyspondylia.,function:Transports both UDP-glucuronic acid (UDP-GlcA) and UDP-N-acetylgalactosamine (UDP-GalNAc) from the cytoplasm to into the endoplasmic reticulum lumen. May participate in glucuronidation and/or chondroitin sulfate biosynthesis.,online information:GlycoGene database,similarity:Belongs to the TPT transporter family. SLC35D subfamily.,tissue specificity:Ubiquitous.,
Background	Glycosylation of cellular glycoconjugates occurs in the endoplasmic reticulum (ER) and Golgi compartment, and requires transport of nucleotide sugars from the cytosol into the lumen of the ER and Golgi by specific transporters. The protein encoded by this gene resides in the ER, and transports both UDP-glucuronic acid (UDP-GlcA) and UDP-N-acetylgalactosamine (UDP-GalNAc) from the cytoplasm

	to the ER lumen. It may participate in glucuronidation and/or chondroitin sulfate biosynthesis. Mutations in this gene are associated with Schneckenbecken dysplasia.[provided by RefSeq, Sep 2009],
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 various cells using S35D1 mouse mAb