

SLC35B2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15378

Product Information

Application	WB
Primary Accession	Q8TB61
Other Accession	NM_178148 , NP_835361
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47515

Additional Information

Gene ID	347734
Alias Symbol	PAPST1, SLL, UGTrel4
Other Names	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, SLC35B2, PAPST1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC35B2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC35B2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

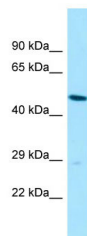
Name	SLC35B2 (HGNC:16872)
Function	Probably functions as a 3'-phosphoadenylyl sulfate:adenosine 3',5'-bisphosphate antiporter at the Golgi membranes. Mediates the transport from the cytosol into the lumen of the Golgi of 3'- phosphoadenylyl sulfate/adenosine 3'-phospho 5'-phosphosulfate (PAPS), a universal sulfuryl donor for sulfation events that take place in that compartment.
Cellular Location	Golgi apparatus membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in the placenta, pancreas, mammary gland and skeletal

muscle. Weakly or not expressed in colon, heart and prostate (PubMed:12716889). Expressed in the brain, predominantly in frontal lobe gray matter, subcortical frontal white matter and cerebellum (PubMed:35325049).

References

Kamiyama S.,et al.J. Biol. Chem. 278:25958-25963(2003).
Xu J.,et al.Submitted (NOV-2003) to the EMBL/GenBank/DDBJ databases.
Matsuda A.,et al.Oncogene 22:3307-3318(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Otsuki T.,et al.DNA Res. 12:117-126(2005).

Images



WB Suggested Anti-SLC35B2 Antibody Titration: 1.0 µg/ml
Positive Control: HepG2 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.