

SLC35C2 Rabbit pAb

SLC35C2 Rabbit pAb

Catalog # AP54731

Product Information

Application	WB
Primary Accession	Q9NQQ7
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40432
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC35C2
Epitope Specificity	81-200/365
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SLC35C2 (solute carrier family 35, member C2), also known as C20orf5, OVCOV1 or CGI-15, is a 365 amino acid multi-pass membrane protein that belongs to the TPT transporter family and exists as multiple alternatively spliced isoforms. Expressed ubiquitously and functionally induced in hypoxic trophoblast cells, SLC35C2 plays a role in the cellular response to tissue hypoxia and is thought to be involved in the pathogenesis of ovarian cancer. The gene encoding SLC35C2 maps to human chromosome 20, which houses over 600 genes some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome. Additionally, chromosome 20 contains a region with numerous genes which are thought important for seminal production and may be potential targets for male contraception.

Additional Information

Gene ID	51006
Other Names	Solute carrier family 35 member H1 {ECO:0000312 HGNC:HGNC:17117}, Ovarian cancer-overexpressed gene 1 protein, Solute carrier family 35 member C2, SLC35H1 (HGNC:17117)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

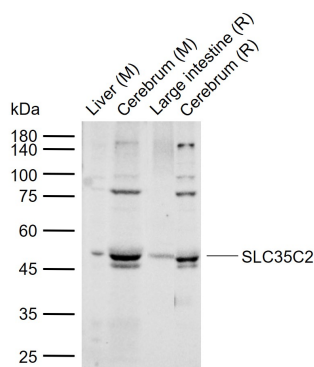
Protein Information

Name	SLC35H1 (HGNC:17117)
Function	Putative GDP-fucose transporter.
Cellular Location	Golgi apparatus, cis-Golgi network membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein
Tissue Location	Ubiquitously expressed although the level of expression is tissue dependent. Overexpressed in ovarian cancer

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:

Lane 1: Mouse Liver tissue lysates

Lane 2: Mouse Cerebrum tissue lysates

Lane 3: Rat Large intestine tissue lysates

Lane 4: Rat Cerebrum tissue lysates

Primary: Anti-SLC35C2 (AP54731) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 40 kDa

Observed band size: 48 kDa

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