

S35G1 Rabbit Polyclonal Antibody

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Catalog # AP93495

Product Information

Application	WB
Primary Accession	Q2M3R5
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	39836

Additional Information

Gene ID	159371
Other Names	Solute carrier family 35 member G1, Partner of STIM1, Transmembrane protein 20, SLC35G1, C10orf60, POST, TMEM20
Dilution	WB~~1:1000
Storage Conditions	-20°C

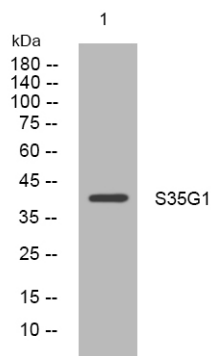
Protein Information

Name	SLC35G1 {ECO:0000303 PubMed:39508819, ECO:0000312 HGNC:HGNC:26607}
Function	Chloride-sensitive citrate transporter localized on the basolateral membrane of enterocytes that mediates efflux of citrate into the bloodstream (PubMed: 39508819). May also play a role in intracellular calcium sensing and homeostasis by acting as a negative regulator of plasma membrane calcium-transporting ATPases, thereby preventing calcium efflux from the cell (PubMed: 22084111).
Cellular Location	Basolateral cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Translocates from the endoplasmic reticulum to the cell membrane in response to a depletion of intracellular calcium and is detected at punctae corresponding to junctions between the endoplasmic reticulum and the cell membrane
Tissue Location	Highly expressed in the digestive tract, especially in the upper part of the small intestine, including the duodenum and jejunum, followed by the testis and pancreas

Background

This gene encodes a transmembrane protein which is a member of the drug/metabolite transporter protein superfamily. The encoded protein may play a role in the regulation of calcium levels inside the cell.
[provided by RefSeq, Sep 2016],

Images



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

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