

Rabbit SLC52A2 Polyclonal Antibody | anti-SLC52A2 antibody

SLC52A2 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200954	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat	Western Blot

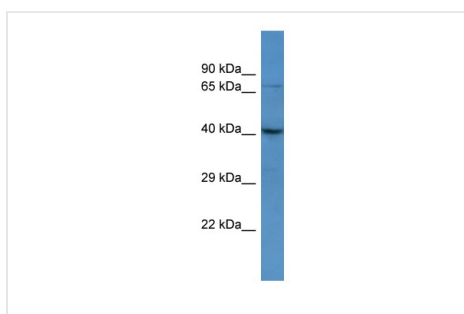
PRODUCT SYNONYMS

SLC52A2; Polyclonal Antibody; SLC52A2 Antibody - C-terminal region; anti-SLC52A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: SL PSVTTGGSGP ELQLGSPGAE EEEKEEEAL PLQEPPSQAA GTIPGPDP
Sequence Length	350
Applicable Applications for anti-SLC52A2 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 79%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 85%; Pig: 93%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human SLC52A2
Protein Size (#AA)	350 amino acids
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: SLC52A1 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLC52A2 antibody	This is a rabbit polyclonal antibody against SLC52A1. It was validated on Western Blot Target Description: This gene encodes a membrane protein which belongs to the riboflavin transporter family. In humans, riboflavin must be obtained by intestinal absorption because it cannot be synthesized by the body. The water-soluble vitamin riboflavin is processed to the coenzymes flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD) which then act as intermediaries in many cellular metabolic reactions. Paralogous members of the riboflavin transporter gene family are located on chromosomes 17 and 20. Unlike other members of this family, this gene has higher expression in brain tissue than small intestine. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. Mutations in this gene have been associated with Brown-Vialetto-Van Laere syndrome 2 - an autosomal recessive progressive neurologic disorder characterized by deafness, bulbar dysfunction, and axial and limb hypotonia.
Product Categories/Family for anti-SLC52A2 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	359465547
NCBI GeneID	79581
NCBI Accession #	NP_001240744.1
NCBI GenBank Nucleotide #	NM_001253815.1
UniProt Accession #	Q9HAB3
Molecular Weight	38kDa
NCBI Official Full Name	solute carrier family 52, riboflavin transporter, member 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 52 member 2
NCBI Official Symbol	SLC52A2
NCBI Official Synonym Symbols	PAR1; RFT3; RFVT2; hRFT3; BVVLS2; GPCR41; GPR172A; D15ErtD747e
NCBI Protein Information	solute carrier family 52, riboflavin transporter, member 2
UniProt Protein Name	Solute carrier family 52, riboflavin transporter, member 2
UniProt Gene Name	SLC52A2
UniProt Synonym Gene Names	GPR172A; PAR1; RFT3; PERV-A receptor 1; hRFT3
UniProt Entry Name	S52A2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.