

ARG43389
anti-SLC29A2 / ENT2 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC29A2 / ENT2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC29A2 / ENT2
Species	Human
Immunogen	Synthetic peptide derived from Human SLC29A2 / ENT2.
Conjugation	Un-conjugated
Alternate Names	Solute carrier family 29 member 2; Nucleoside transporter, ei-type; 36 kDa nucleolar protein HNP36; DER12; Hydrophobic nucleolar protein, 36 kDa; Delayed-early response protein 12; Equilibrative nitrobenzylmercaptapurine riboside-insensitive nucleoside transporter; ENT2; Equilibrative NBMPR-insensitive nucleoside transporter; Equilibrative nucleoside transporter 2; HNP36

Application Instructions

Application table	Application	Dilution
	FACS	1:20
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	~ 62 kDa	

Properties

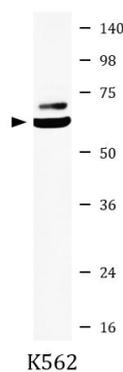
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SLC29A2
Gene Full Name	solute carrier family 29 (equilibrative nucleoside transporter), member 2
Background	The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).[supplied by OMIM, Nov 2008]
Function	Mediates equilibrative transport of purine, pyrimidine nucleosides and the purine base hypoxanthine. Very less sensitive than SLC29A1 to inhibition by nitrobenzylthioinosine (NBMPR), dipyridamole, dilazep and draflazine. [UniProt]
Calculated Mw	50 kDa
Cellular Localization	Basolateral cell membrane; Multi-pass membrane protein. Nucleus membrane; Multi-pass membrane protein. Note=Localized at the basolateral cell membrane in polarized MDCK cells. [UniProt]

Images



ARG43389 anti-SLC29A2 / ENT2 antibody WB image

Western blot: K562 cell lysate stained with ARG43389 anti-SLC29A2 / ENT2 antibody.