

KB560

For research use only

Anti Human SLC29A2 Polyclonal Antibody

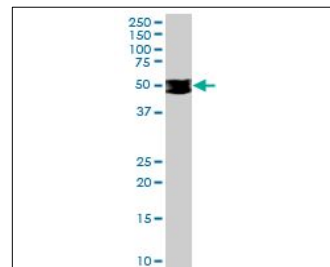
Code No.	KB560
Target	SLC29A2
Category	Transporter
Gene ID	3177
Primary Source	HGNC:11004
Synonyms	ENT2; DER12; HNP36; SLC29A2
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human SLC29A2
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	0.5 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

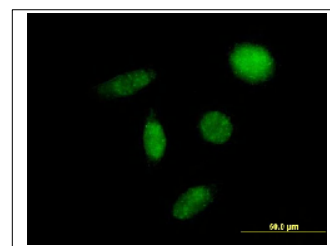
Application WB,IF

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	10	-

(µg/mL)



[WB] SLC29A2 transfected 293T cell lysate



[IF] HeLa cell

Reference

1. Crawford C.R., et al. "Cloning of the human equilibrative, nitrobenzylmercaptapurine riboside (NBMPR)-insensitive nucleoside transporter ei by functional expression in a transport-deficient cell line." J. Biol. Chem. 273:5288-5293(1998)
2. Griffiths M., et al. "Molecular cloning and characterization of a nitrobenzylthioinosine-insensitive (ei) equilibrative nucleoside transporter from human placenta." Biochem. J. 328:739-743(1997)
3. Williams J.B., et al. "A mammalian delayed-early response gene encodes HNP36, a novel, conserved nucleolar protein." Biochem. Biophys. Res. Commun. 213:325-333(1995)

UniPlot Summary

//Function: Mediates equilibrative transport of purine, pyrimidine nucleosides and the purine base hypoxanthine. Less sensitive than SLC29A1 to inhibition by nitrobenzylthioinosine (NBMPR), dipyridamole, dilazep and drafazine.

//Subcellular location: Isoform 1: Cell membrane; Multi-pass membrane protein. Isoform 2: Nucleus membrane; Multi-pass membrane protein.

//Tissue specificity: Expressed in placenta, brain, heart and ovarian tissues.

//Sequence similarities: Belongs to the SLC29A transporter family.