



KAL-KB519

For research use only

Anti Human RSC1A1 Polyclonal Antibody

Code No. KB519
Target RSC1A1
Category Transporter
Gene ID 6248
Primary Source HGNC:10458
Synonyms RS1; RSC1A1

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human RSC1A1

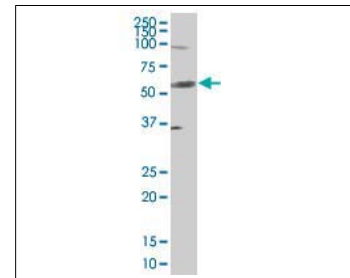
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 0.5 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

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

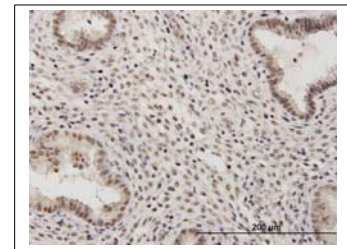
Application WB,IHC,IF

	ELISA	WB	IHC	ICC
	-	1.0	3.0	-
	IP	FCM	IF	Neutralization
	-	-	10	-

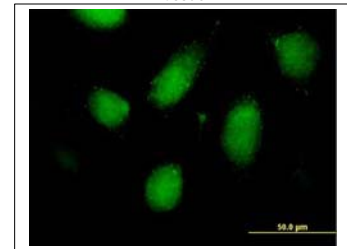
(µg/mL)



[WB] RSC1A1 transfected 293T cell lysate



[IHC] Paraffin embedded human endometrium tissue



[IF] HeLa cell

Reference

- Lambotte S., et al. "The human gene of a protein that modifies Na(+)-D-glucose co-transport." *DNA Cell Biol.* 15:769-777(1996)
- Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." *Nat. Genet.* 36:40-45(2004)
- Gregory S.G., et al. "The DNA sequence and biological annotation of human chromosome 1." *Nature* 441:315-321(2006)

UniPlot Summary

//Function: Mediates transcriptional and post-transcriptional regulation of SLC5A1. Inhibits a dynamin and PKC-dependent exocytotic pathway of SLC5A1. Also involved in transcriptional regulation of SLC22A2. Exhibits glucose-dependent, short-term inhibition of SLC5A1 and SLC22A2 by inhibiting the release of vesicles from the trans-Golgi network.

//Subcellular location: Cell membrane. Nucleus. Golgi apparatus › trans-Golgi network. Note: Localizes at the inner side of the plasma membrane.

//Tissue specificity: Expressed in small intestine, kidney and brain.

//Sequence similarities: Contains 1 UBA domain.

Manufactured by TransGenic Inc.



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