ELK Biotechnology

MRGX2 rabbit pAb

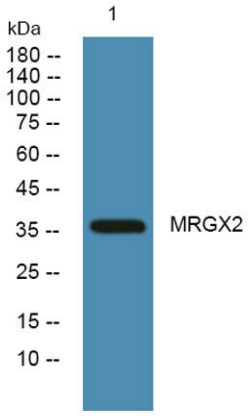
Cat No.:ES11657

For research use only

Overview

Product Name	MRGX2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 250-330
Specificity	MRGX2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mas-related G-protein coupled receptor member X2
Gene Name	MRGPRX2 MRGX2
Cellular localization	Cell membrane; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	36kD
Human Gene ID	117194
Human Swiss-Prot Number	Q96LB1
Alternative Names	
Background	function:Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Cortistatin-14 seems to be a high potency ligand at this receptor. Cortistatin has several biological functions including roles in sleep regulation locomotor activity, and cortical function. In receptor-expressing cells, cortistatin-stimulated increases in intracellular

Ca(2+) but had no effect on basal or forskolin-stimulated cAMP levels, suggesting that this receptor is G(q)-coupled.,similarity:Belongs to the G-protein coupled receptor 1 family. Mas subfamily.,tissue specificity:Has a limited expression profile, both peripheral and within the central nervous system, with highest levels in dorsal root ganglion.,



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

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