[Primary Antibody]

phospho-MERTK (Tyr749) Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse,
GenelD: 10461	SWISS: Q12866	Rat)
Target: MERTK (Tyr749)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human MERTK around the phosphorylation site of Tyr749: KI(p-Y)SG.		n Predicted 108 kDa
Purification: affinity purified by Protein A		Subcollular
Concentration: 1mg/ml		Location: Cell membrane
Storage: 0.01M TBS (pH7.4) Glycerol. Shipped at 4°C. Sto freeze/thaw cycles	with 1% BSA, 0.02% Proclin300 and 50% ore at -20°C for one year. Avoid repeated	
Background: The Major Facilitator Superfamily (MFS) is a large and diverse group of secondary transporters that includes uniporters, symporters, and antiporters. MFS proteins facilitate the transport across cytoplasmic or internal membranes of a variety of substrates including ions, sugar phosphates, drugs, neurotransmitters, nucleosides, amino acids, and peptides. They do so using the electrochemical potential of the transported substrates. Uniporters transport a single substrate, while symporters and antiporters transport two substrates in the same or in opposite directions, respectively, across membranes. Peptide-transporters 2 [solute carrier family 15 (H+/peptide transporter), member 2; SLC15A2; PEPT2 ; Oligopeptide transporter, kidney isoform ; Kidney H(+)/peptide cotransporter;].		

- SELECTED CITATIONS ------

- [IF=5.546] Yang H et al. Homeobox C8 inhibited the osteo /dentinogenic differentiation and migration ability of stem cells of the apical papilla via activating KDM1A. J Cell Physiol . 2020 Apr 4. IHC ;human. 32246725
- [IF=3.641] Arshad Zahoor et al. MerTK negatively regulates Staphylococcus aureus induced inflammatory response via

Toll-like receptor signaling in the mammary gland. Mol Immunol . 2020 Apr 2;122:1-12. WB ;mouse. 32247834