
phospho-MERTK (Tyr749) Rabbit pAb

Catalog Number: bs-18790R

Target Protein: phospho-MERTK (Tyr749)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 108 kDa

Entrez Gene: 10461

Swiss Prot: Q12866

Source: KLH conjugated synthesised phosphopeptide derived from human MERTK around the phosphorylation site of Tyr749: KI(p-Y)SG.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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;].

PRODUCT SPECIFIC PUBLICATIONS

[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