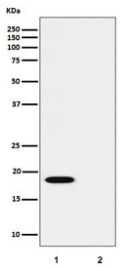
Phospho-PTS Antibody / pS19 / 6-Pyruvoyl tetrahydrobiopterin synthase [clone 28P67] (RQ8532)

Catalog No.	Formulation	Size
RQ8532	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28P67
Purity	Affinity chromatography
UniProt	Q03393
Applications	Western blot: 1:500-1:2000
Limitations	This phospho-PTS antibody is available for research use only.



Western blot testing of lysate from 1) human HUVEC and 2) human HUVEC treated with alkaline phosphatase, using phospho-PTS antibody.

Description

Involved in the biosynthesis of tetrahydrobiopterin, an essential cofactor of aromatic amino acid hydroxylases. Catalyzes the transformation of 7,8-dihydroneopterin triphosphate into 6-pyruvoyl tetrahydropterin. [UniProt]

Application Notes

Optimal dilution of the phospho-PTS antibody should be determined by the researcher.

Immunogen

A synthetic peptide from the sequence surrounding phosphorylated serine 19 of human 6-Pyruvoyl tetrahydrobiopterin synthase protein was used as the immunogen for the phospho-PTS antibody.

Storage

Store the phospho-PTS antibody at -20oC.

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