

Product Name: Phospho-PTS(S19) Rabbit Monoclonal Antibody**Catalog #: AMRe84756**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200
Molecular Weight	Calculated MW: 16 kDa ; Observed MW: 18 kDa

Antigen Information

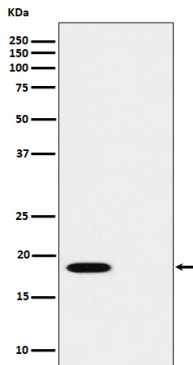
Gene Name	Phospho-PTS(S19)
Alternative Names	PTP synthase; PTPS; PTS;;p-PTS (S19)
Gene ID	
SwissProt ID	Q03393
Immunogen	A synthesized peptide derived from human PTS around the phosphorylation site of S19

Background

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.

Research Area

Image Data



Western blot analysis of Phospho-PTS (S19) expression in (1) HUVEC cell lysate; (2) HUVEC cell treated with Alkaline Phosphatase lysate.