

PTS (Phospho-Thr58) Antibody

Catalog No: #SAB655

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Description

Product Name	PTS (Phospho-Thr58) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	PTS(Phospho-Thr58) Antibody detects endogenous levels of PTS only when phosphorylated at Thr58.
Immunogen Description	A synthesized peptide derived from human PTS around the phosphorylation site of Thr58.
Other Names	6-pyruvoyl tetrahydrobiopterin synthase; PTP synthase; PTPS
Uniprot	Q03393
GeneID	5805
SDS-PAGE MW	16kDa
Concentration	1 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

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.

Note: This product is for in vitro research use only