

DATASHEET

PTPS (Phospho-S19) Rabbit Monoclonal Antibody(C1487)

CAT. NO. AMA01099

KEY FEATURES

Target	PTPS (Phospho-S19)	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

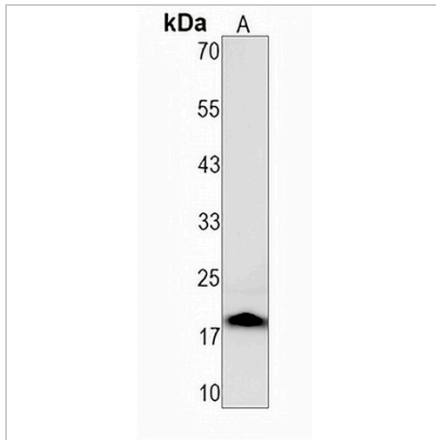
Description	Recombinant rabbit monoclonal antibody to PTPS (Phospho-S19)
Specificity	Recognizes endogenous levels of PTPS protein only when phosphorylated at S19
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S19 of human PTPS protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 16 kD; Observed: 18 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	6-pyruvoyl tetrahydrobiopterin synthase; PTP synthase; PTPS
Gene Symbol	PTS
Entrez Gene	5805(Human)
SwissProt	Q03393(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PTPS (Phospho-S19) expression in MCF7 (A) whole cell lysates.
(Predicted band size: 16 kD; Observed band size: 18 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.