

FH (Phospho-Ser46) Antibody

Catalog No: #SAB615

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Description

Product Name	FH (Phospho-Ser46) 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
Specificity	FH(Phospho-S46) Antibody detects endogenous levels of FH only when phosphorylated at S46.
Immunogen Description	A synthesized peptide derived from human FH around the phosphorylation site of S46.
Other Names	Fumarase, HsFH
SDS-PAGE MW	54kDa
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 and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

Background

Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed:30761759). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.