Anti-Phospho-mTOR (Ser2448) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011471

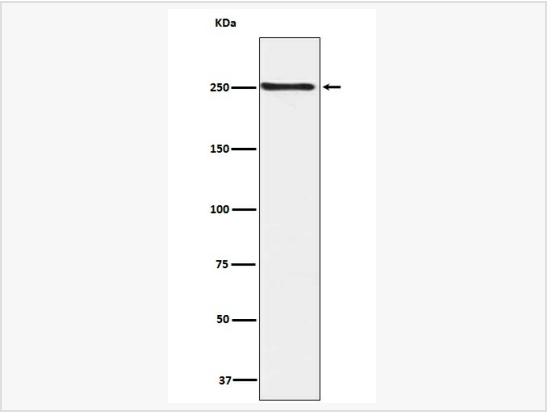
Product Information

Application	IHC-P/IF (Tissue-P), ELISA, WB
Reactivity	Human, Mouse, Pig
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-mTOR (S2448)
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-mTOR (Ser2448) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

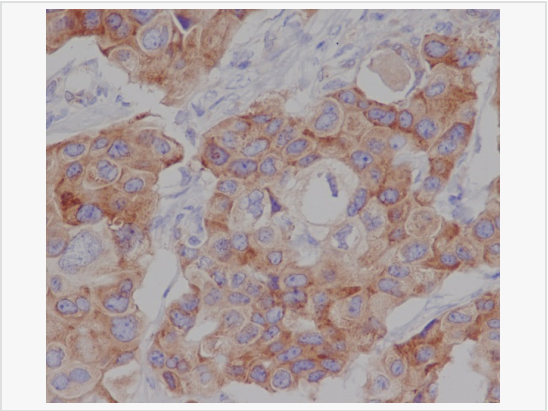
Protein Information

Synonyms	MTOR, FRAP, FRAP1, FRAP2, RAFT1, RAPT1, Serine/threonine-protein kinase mTOR, FK506-binding protein 12-rapamycin complex-associated protein 1, FKBP12-rapamycin complex-associated protein, Mammalian target of rapamycin, mTOR, Mechanistic tar.
Calculated MW	Calculated MW: 289 kDa; Observed MW: 289 kDa
Uniprot ID	P42345
Gene ID	2475
Background	An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

Validation Images



Western blot analysis of Phospho-mTOR (S2448) in HEK293 lysates using Phospho-mTOR (Ser2448) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-mTOR (S2448) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.