

Anti-Phospho-MTOR-Ser2481 antibody (2447-2496 aa) (STJ91294)

STJ91294

GENERAL INFORMATION

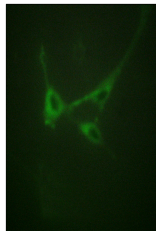
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Serine/threonine-protein kinase mTOR-Ser2481 (2447-2496 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB/IHC/IF/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Cow

PRODUCT PROPERTIES

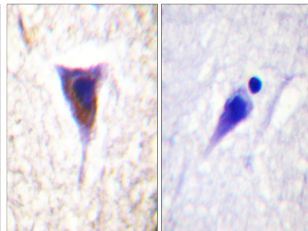
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution Range	IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000 WB 1:500-2000
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

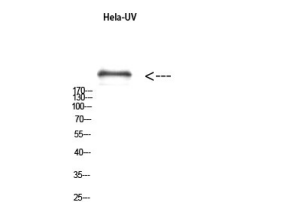
Gene ID	2475
Gene Symbol	MTOR
Uniprot ID	MTOR_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from the human mTOR around the phosphorylation site of Ser2481 at the amino acid range 2447-2496
Immunogen Region	2447-2496 aa
Specificity	Phospho-mTOR (S2481) Polyclonal Antibody detects endogenous levels of mTOR protein only when phosphorylated at S2481.
Immunogen Sequence	



Immunofluorescence analysis of NIH/3T3 cells, using mTOR (Phospho-Ser2481) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using mTOR (Phospho-Ser2481) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of HeLa-UV using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081