

## Anti-MTOR antibody (2390-2470) (STJ94280)

STJ94280

### GENERAL INFORMATION

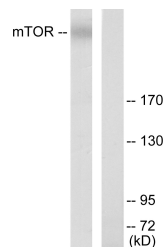
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Serine/Threonine-Protein Kinase Mtor (2390-2470) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

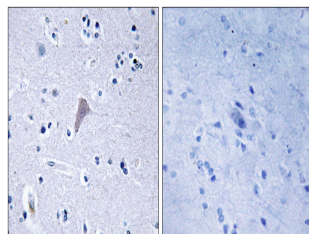
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:40000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

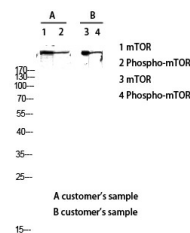
<b>Gene ID</b>	2475
<b>Gene Symbol</b>	MTOR
<b>Uniprot ID</b>	MTOR_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human mTOR at amino acid range 2415-2464
<b>Immunogen Region</b>	2390-2470
<b>Specificity</b>	MTOR polyclonal antibody (Serine/Threonine-Protein Kinase Mtor) binds to endogenous Serine/Threonine-Protein Kinase Mtor at the amino acid region 2390-2470.
<b>Immunogen Sequence</b>	



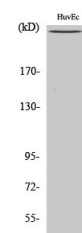
Western blot analysis of lysates from K562 cells, using mTOR Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using mTOR Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of customer's lysis using mTOR antibody. Antibody was diluted at 1:2000



Western blot analysis of HuvEc cells using mTOR Polyclonal Antibody diluted at 1: 2000

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