

## Anti-TSC2 antibody (1160-1255) (STJ114890)

STJ114890

### GENERAL INFORMATION

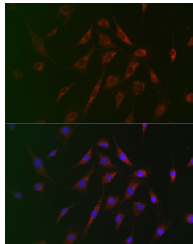
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

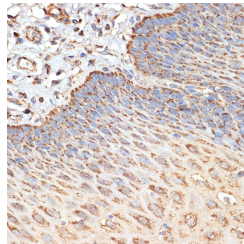
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<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

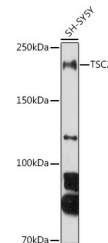
<b>Gene ID</b>	7249
<b>Gene Symbol</b>	TSC2
<b>Uniprot ID</b>	TSC2_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1160-1255
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1160-1255 of human TSC2 (NP_000539.2).
<b>Immunogen Sequence</b>	TAPAAKPEKASAGTRVPVQE KTNLAAYVPLL TQGWAEILV RPTGNTSWLMSLENPLSPF SSDINNMLQELSNALMAAE RFKEHRDTALYKSLSV



Immunofluorescence analysis of BALB-3T3 cells using TSC2 Rabbit polyclonal antibody (STJ114890) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human esophageal using TSC2 Rabbit polyclonal antibody (STJ114890) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9, 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of SH-SY5Y cells, using TSC2 antibody (STJ114890) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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.  
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