

## Anti-Acetyl-TUBA1A-K40 antibody (STJ11105006)

STJ11105006

### GENERAL INFORMATION

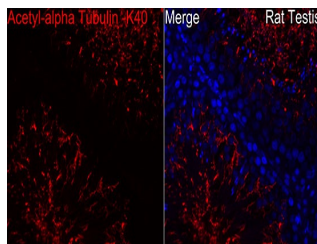
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

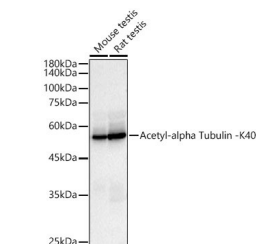
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 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

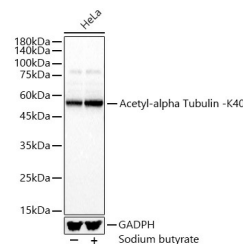
<b>Gene ID</b>	7846
<b>Gene Symbol</b>	TUBA1A
<b>Uniprot ID</b>	TBA1A_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic acetylated peptide around K40 of human alpha Tubulin.
<b>Immunogen Sequence</b>	



Immunofluorescence analysis of rat testis cells using Acetyl-alpha Tubulin-K40 Rabbit polyclonal antibody (STJ11105006) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various lysates, using Acetyl-alpha Tubulin-K40 Rabbit polyclonal antibody (STJ11105006) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of HeLa, using Acetyl-alpha Tubulin-K40 antibody (STJ11105006) at 1:500 dilution. HeLa cells were treated by Sodium butyrate (5 mM) for 16 hours after serum-starvation 16 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

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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