

## Anti-ACVR2A antibody (20-513) (STJ22506)

STJ22506

### GENERAL INFORMATION

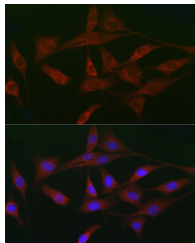
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

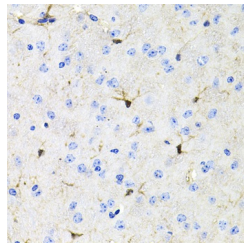
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:100-1:500 IHC-P:1:100-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

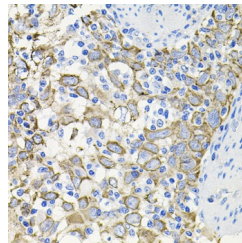
<b>Gene ID</b>	92
<b>Gene Symbol</b>	ACVR2A
<b>Uniprot ID</b>	AVR2A_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	20-513
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 20-140 of human ACVR2A (NP_001607.1).
<b>Immunogen Sequence</b>	AILGRSETQECLFFNANWEK DRTNQTVGVEPCYGDKDKRRH CFATWKNISGSIEIVKQGCW LDDINCYDRDTCVEKDKDSPE VYFCCCEGNMCKNEKFSYFPE MEVVTQPTSNPVTPKPPYYNI L



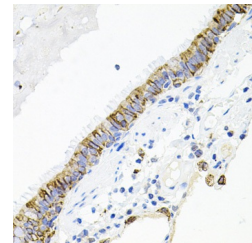
Immunofluorescence analysis of NIH/3T3 cells using ACVR2A Rabbit polyclonal antibody (STJ22506) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse brain using ACVR2A antibody (STJ22506) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using ACVR2A antibody (STJ22506) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung using ACVR2A antibody (STJ22506) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

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