

## Anti-ARL6 antibody (1-186) (STJ110568)

STJ110568

### GENERAL INFORMATION

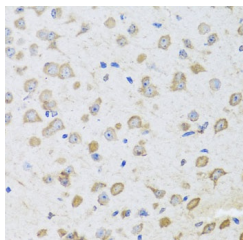
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse

### PRODUCT PROPERTIES

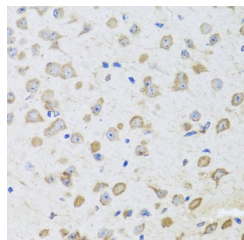
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:2000
<b>Range</b>	IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration 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 Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

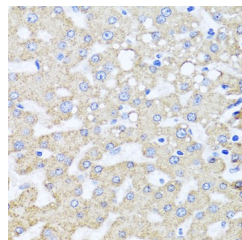
<b>Gene ID</b>	84100
<b>Gene Symbol</b>	ARL6
<b>Uniprot ID</b>	ARL6_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-186
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-186 of human ARL6 (NP_115522.1).
<b>Immunogen Sequence</b>	MGLLDRLSVLLGLKKKEVHV LCLGLDNSGKTTINKLKPS NAQSQNILPTIGFSIEKFKS SSLSFTVFDMSGQGRYRNW EHYYKEGQAIIFVIDSSDRL RMVVAKEELDTLLNHPDIKH RRIPLFFANKMDLRDAVTS VKVSQLLCLENIKDKPWHIC ASDAIKGEGLQEGVDWLQDQ IQTVKT



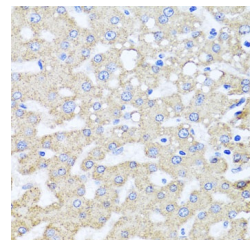
Western blot analysis of extracts of various cell lines, using ARL6 antibody (STJ110568) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded mouse brain using ARL6 antibody (STJ110568) 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 of paraffin-embedded human prostate using ARL6 antibody (STJ110568) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of paraffin-embedded human liver damage using ARL6 antibody (STJ110568) 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