

**Anti-POP4 antibody (1-220) (STJ26679)**  
STJ26679

**GENERAL INFORMATION**

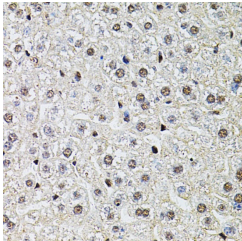
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

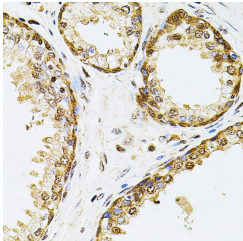
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:200-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based 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 Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

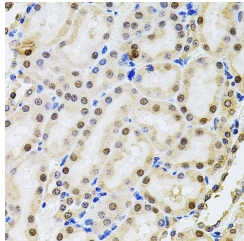
<b>Gene ID</b>	10775
<b>Gene Symbol</b>	POP4
<b>Uniprot ID</b>	RPP29_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-220
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human POP4 (NP_006618.1).
<b>Immunogen Sequence</b>	MKSVIYHALSQKEANDSDVQ PSGAQRAEAFVRAFLKRSTP RMSPQAREDQLQRKAVVLEY FTRHKRKEKKKKAKGLSARQ RRELRLFDIKPEQQRYSFL PLHELWKQYIRDLCGLKPD TQPQMIQAKLLKADLHGAI SVTKSKCPSYVGITGILLQE TKHIFKIITKEDRLKVIPKL NCVFTVETDGFISYIGSKF QLRSSERSAKKFKAKGTIDL



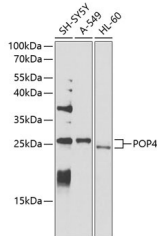
Immunohistochemistry analysis of paraffin-embedded mouse liver using POP4 antibody (STJ26679) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human prostate using POP4 antibody (STJ26679) 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 rat kidney using POP4 antibody (STJ26679) 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.



Western blot analysis of extracts of various cell lines using POP4 antibody (STJ26679) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJSD00856) 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: 90s.

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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