

**Anti-UMPS antibody (100-260) (STJ115216)**  
STJ115216

**GENERAL INFORMATION**

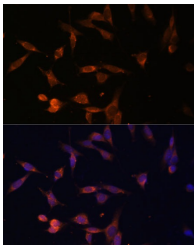
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

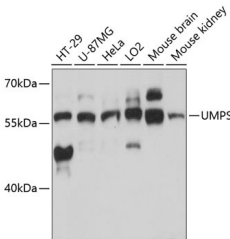
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:2000
<b>Range</b>	IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.01% Thimerosal, 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>	7372
<b>Gene Symbol</b>	UMPS
<b>Uniprot ID</b>	UMPS_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	100-260
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 100-260 of human UMPS (NP_000364.1).
<b>Immunogen Sequence</b>	TKDYGTKRLVEGTINPGETC LIEDVVTSGSSVLETVEVL QKEGLKVTDAIVLLDREQGG KDKLQAHGIRLHSVCTL SKM LEILEQKKVDAETVGRVKR FIQENVFVAANHNGSPLSIK EAPKELSFGARAEIPRIHPV ASKLLRLMQKKETNLCLSAD V



Immunofluorescence analysis of NIH-3T3 cells using UMPS Rabbit polyclonal antibody (STJ115216) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using UMPS Rabbit polyclonal antibody (STJ115216) at 1:3000 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.

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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