

## Anti-PDHA1 antibody (30-390) (STJ119549)

STJ119549

### GENERAL INFORMATION

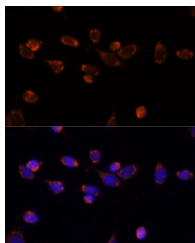
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

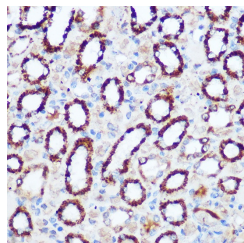
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:1000
<b>Range</b>	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize 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</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

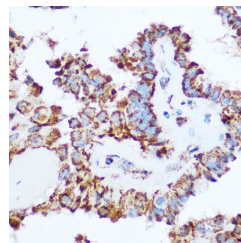
<b>Gene ID</b>	5160
<b>Gene Symbol</b>	PDHA1
<b>Uniprot ID</b>	ODPA_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	30-390
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 30-390 of human PDHA1 (NP_000275.1).
<b>Immunogen Sequence</b>	FANDATFEIKKCDLHRLLEG PPVTVTLTREDGLKYRMMQ TVRRMELKADQLYKQKIIRG FCHLCDGQEACCVGLEAGIN PTDHLITAYRAHGFTFTRGL SVREILAEITGRKGGCAKGK GGSMMHYAKNFYGGNGIVGA QVPLGAGIALACKYNGKDEV CLTLYGDAANQGQIFEAYN MAALWKLPCIFICENNRYGM GTSVERAAASTDYKRGDFI PGLRVDGMDILCVREATRF



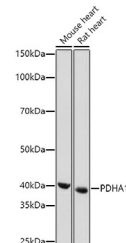
Immunofluorescence analysis of NIH/3T3 cells using PDHA1 Rabbit polyclonal antibody (STJ119549) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of PDHA1 in paraffin-embedded rat kidney using PDHA1 Rabbit polyclonal antibody (STJ119549) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of PDHA1 in paraffin-embedded human thyroid cancer using PDHA1 Rabbit polyclonal antibody (STJ119549) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using PDHA1 Rabbit polyclonal antibody (STJ119549) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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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