

Anti-PDHA1 antibody (30-390) (STJ24939)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

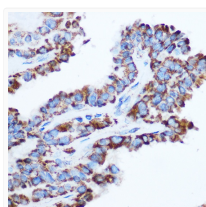
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 43kDa Observed Mw: 43kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

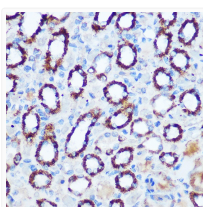
Gene ID	5160
Gene Symbol	PDHA1
UniProt ID	ODPA_HUMAN
Immunogen Region	30-390
Immunogen Sequence	FANDATFEIKKCDLHRLEEG PPVTTVLTRDGLKYYRMMQ TVRRMELKADQLYKQKIIRG FCHLCDGQEACCVGLEAGIN PTDHLITAYRAHGFTTFRGL SVREILAELTGRKGGCAK GK GGSMHMYAKNFYGGNGIVGA QVPLGAGIALACKYNGKDEV CLTLYGDGAANQGQIFEAYN MAALWKLPCIFICENNRYGM GTSVERAAASTDYYKRGDFI PGLRVDGMDILCVREATRF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 30-390 of human PDHA1 (NP_000275.1).

ADDITIONAL INFORMATION

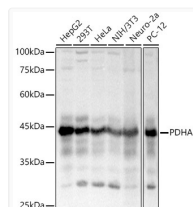
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of PDHA1 in paraffin-embedded human thyroid cancer using PDHA1 Rabbit polyclonal antibody (STJ24939) 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 rat kidney using PDHA1 Rabbit polyclonal antibody (STJ24939) 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 (STJ24939) at 1:1000 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: 0.5s.