Anti-ENO1 antibody (1-434) (STJ23538)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

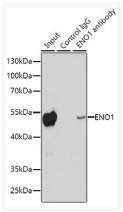
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your speci
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 47kDa Observed Mw: 47kDa/
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

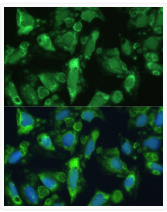
Gene ID	2023
Gene Symbol	ENO1
UniProt ID	ENOA_HUMAN
Immunogen Region	1-434
Immunogen Sequence	MSILKIHAREIFDSRGNPTV EVDLFTSKGLFRAAVPSGAS TGIYEALELRDNDKTRYMGK GVSKAVEHINKTIAPALVSK KLNVTEQEKIDKLMIEMDGT ENKSKFGANAILGVSLAVCK AGAVEKGVPLYRHIADLAGN SEVILPVPAFNVINGGSHAG NKLAMQEFMILPVGAANFRE AMRIGAEVYHNLKNVIKEKY GKDATNVGDEGGFAPNILEN KEGLELLKTAIGKAGYTDK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-434 of human ENO1 (NP_001419.1).

ADDITIONAL INFORMATION

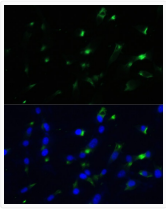
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



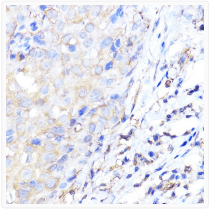
Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 1 Mu g ENO1 Rabbit polyclonal antibody (STJ23538). Western blot was performed from the immunoprecipitate using ENO1 antibody (STJ23538) at a dilution of 1:1000.



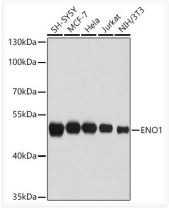
Immunofluorescence analysis of U-2 OS cells using ENO1 Rabbit polyclonal antibody (STJ23538) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using ENO1 Rabbit polyclonal antibody (STJ23538) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of ENO1 in paraffin-embedded human breast cancer using ENO1 Rabbit polyclonal antibody (STJ23538) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using ENO1 Rabbit polyclonal antibody (STJ23538) at 1:3000 dilution incubated overnight at 4 °C. Secondary antibody: HRP-conjugated 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 KitExposure time: 1 s.