

Anti-ENO2 antibody (195-434) (STJ114221)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

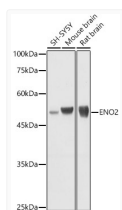
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 400 Mu g-600 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
Formulation	PBS with 0.05% Proclin300, 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

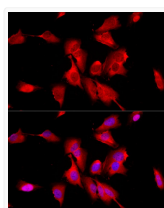
Gene ID	2026
Gene Symbol	ENO2
UniProt ID	ENOG_HUMAN
Immunogen Region	195-434
Immunogen Sequence	VIKDKYGGKDATNVGDEGGFA PNILENSEALELVKEAIDKA GYTEKIVIGMDVAASEFYRD GKYDLDFKSPTDPSRYITGD QLGALYQDFVRDYPVVSIED PFDQDDWAAWSKFTANVGIG IVGDDLTVTNPKRIERAVEE KACNCLLLKVNQIGSVTEAI QACKLAQENGWGVMSHRSG ETEDTFIADLVVGLCTGQIK TGAPCRSERLAKYNQLMRIE EELGDEARFAGHNFRNPSV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 195-434 of human ENO2 (NP_001966.1).

ADDITIONAL INFORMATION

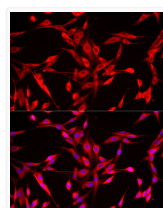
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



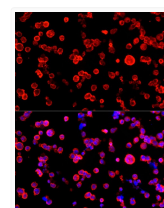
Western blot analysis of extracts of various cell lines, using ENO2 antibody (STJ114221) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



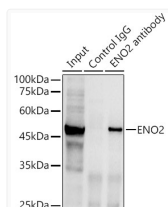
Immunofluorescence analysis of HeLa cells using ENO2 rabbit polyclonal antibody (STJ114221) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ENO2 rabbit polyclonal antibody (STJ114221) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Raji cells using ENO2 rabbit polyclonal antibody (STJ114221) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 600 Mu g extracts of mouse brain cells using 3 Mu g ENO2 antibody (STJ114221). Western blot was performed from the immunoprecipitate using ENO2 antibody (STJ114221) at a dilution of 1:1000.