

Rabbit anti-Human ENOX2 Polyclonal Antibody | anti-ENOX2 antibody

ENOX2 Antibody (N-term)

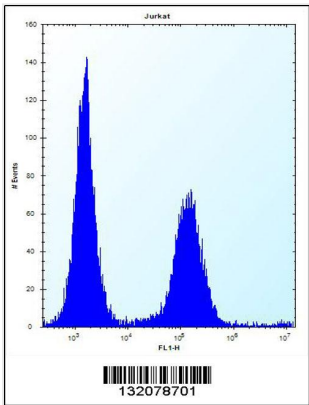
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289077	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

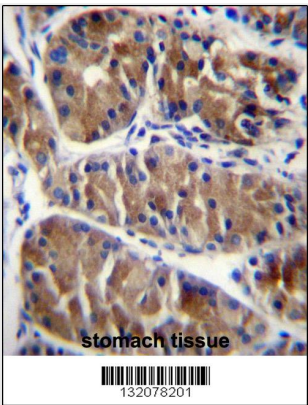
ENOX2; Polyclonal Antibody; ENOX2 Antibody (N-term); Ecto-NOX disulfide-thiol exchanger 2; APK1 antigen; Cytosolic ovarian carcinoma antigen 1; Tumor-associated hydroquinone oxidase; tNOX; Hydroquinone [NADH] oxidase; 1---; Protein disulfide-thiol oxidoreductase; COVA1; anti-ENOX2 antibody

PRODUCT SPECIFICATIONS

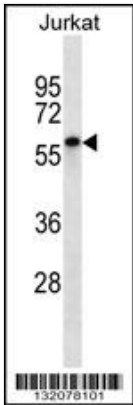
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENOX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ENOX2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	1-30
Sequence Length	581
Applicable Applications for anti-ENOX2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ENOX2 Antibody (N-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
ENOX2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ENOX2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ENOX2 Antibody (N-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the ENOX2 antibody detected the ENOX2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ENOX2 antibody	The protein encoded by this gene is a growth-related cell surface protein. It was identified because it reacts with the monoclonal antibody KI in cells, such as the ovarian carcinoma line OVCAR-3, also expressing the CAKI surface glycoprotein. The encoded protein has two enzymatic activities: catalysis of hydroquinone or NADH oxidation, and protein disulfide interchange. The two activities alternate with a period length of about 24 minutes. The encoded protein also displays prion-like properties. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ENOX2 antibody	Cancer
References	Morre, D.M., et al. Rejuvenation Res 13 (2-3), 162-164 (2010) : Morre, D.M., et al. Biofactors 34(3):237-244(2009) Mao, L.C., et al. FEBS Lett. 582 (23-24), 3445-3450 (2008) : Liu, S.C., et al. Biochem. Biophys. Res. Commun. 365(4):672-677(2008) Tang, X., et al. Oncol. Res. 16(12):557-567(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	528524612
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NCBI GeneID	10495
NCBI Accession #	NP_001268665.1; NP_006366.2; NP_872114.1
NCBI GenBank Nucleotide #	NM_001281736.1
UniProt Accession #	Q16206; Q5VTJ1; Q5VTJ2; Q8WUX0; Q9NTP6; Q9UH82; A8K197; A8K1C2
Molecular Weight	70082
NCBI Official Full Name	ecto-NOX disulfide-thiol exchanger 2 isoform a
NCBI Official Synonym Full Names	ecto-NOX disulfide-thiol exchanger 2
NCBI Official Symbol	ENOX2
NCBI Official Synonym Symbols	APK1; tNOX; COVA1
NCBI Protein Information	ecto-NOX disulfide-thiol exchanger 2
UniProt Protein Name	Ecto-NOX disulfide-thiol exchanger 2
UniProt Gene Name	ENOX2
UniProt Synonym Gene Names	COVA1; tNOX
UniProt Entry Name	ENOX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/enox2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289077>