

Product datasheet for **AP51432PU-N**

ENOX2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	Western Blot: 1/1000. Immunohistochemistry on Paraffin Sections: 1/10-1/50. Flow Cytometry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human ENOX2
Specificity:	This antibody recognizes Human ENOX2 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ecto-NOX disulfide-thiol exchanger 2
Database Link:	Entrez Gene 10495 Human Q16206



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Background:

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.

Synonyms:

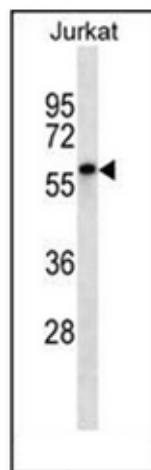
COVA1, APK1 antigen, tNOX

Note:

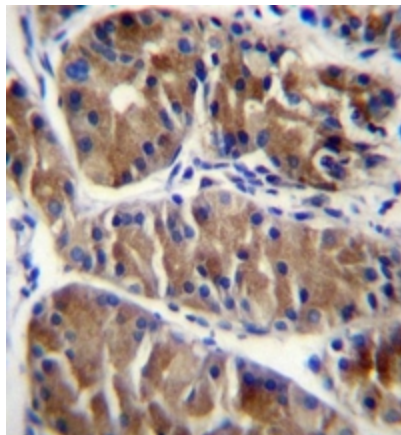
Molecular Weight: 70082 Da

Protein Families:

Secreted Protein

Product images:

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



Formalin fixed and paraffin embedded human stomach tissue reacted with ENOX2 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.