

Datasheet for ABIN952087
anti-ENOX2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	ENOX2
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human ENOX2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human ENOX2 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	ENOX2
Alternative Name:	ENOX2 (ENOX2 Products)

Target Details

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: APK1 antigen, COVA1, Cytosolic ovarian carcinoma antigen 1, Ecto-NOX disulfide-thiol exchanger 2, Tumor-associated hydroquinone oxidase, tNOX

Molecular Weight: 70082 Da

Gene ID: 10495

NCBI Accession: [NP_006366](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

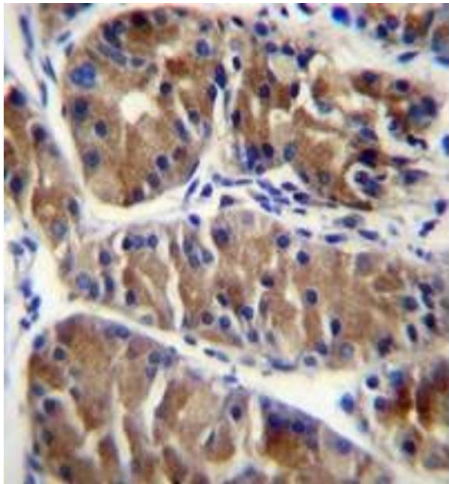
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

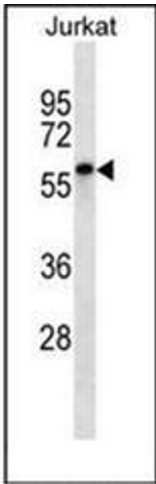
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. 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).