

## ARG57949 anti-ENOX2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ENOX2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ENOX2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 411-610 of Human ENOX2 (NP_872114.1).
Conjugation	Un-conjugated
Alternate Names	APK1; EC 1.-.-.; APK1 antigen; Ecto-NOX disulfide-thiol exchanger 2; COVA1; Tumor-associated hydroquinone oxidase; Cytosolic ovarian carcinoma antigen 1; tNOX

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	THP-1	
Observed Size	~ 65 kDa	

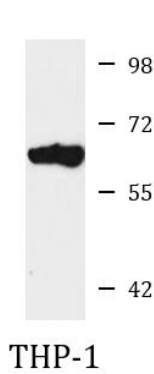
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ENOX2
Gene Full Name	ecto-NOX disulfide-thiol exchanger 2
Background	This gene is a tumor-specific member of the ECTO-NOX family of genes that encode cell surface NADH oxidases. The encoded protein has two enzymatic activities: catalysis of hydroquinone or NADH oxidation, and protein disulfide interchange. The protein also displays prion-like properties. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Function	May be involved in cell growth. Probably acts as a terminal oxidase of plasma electron transport from cytosolic NAD(P)H via hydroquinones to acceptors at the cell surface. Hydroquinone oxidase activity alternates with a protein disulfide-thiol interchange/oxidoreductase activity which may control physical membrane displacements associated with vesicle budding or cell enlargement. The activities oscillate with a period length of 22 minutes and play a role in control of the ultradian cellular biological clock. [UniProt]
Calculated Mw	70 kDa
PTM	Glycosylated. [UniProt]
Cellular Localization	Cell membrane, Secreted, extracellular space. [UniProt]

Images



ARG57949 anti-ENOX2 antibody WB image

Western blot: 25 µg of THP-1 cell lysate stained with ARG57949 anti-ENOX2 antibody at 1:1000 dilution.