

ENOX2 Polyclonal Antibody

Catalog number: 10423-1-AP

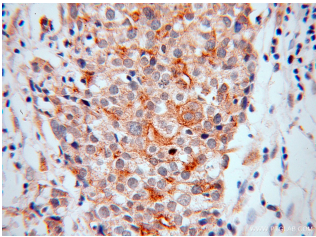
Size: 20 µg/150 µl

Source: Rabbit

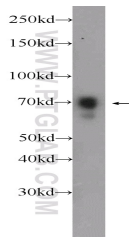
Isotype: IgG

Synonyms:

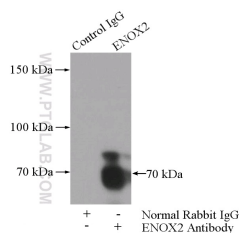
ENOX2; APK1, APK1 antigen,
COVA1, ENOX2, tNOX



Immunohistochemical of paraffin-embedded human ovary tumor using 10423-1-AP(ENOX2 antibody) at dilution of 1:100 (under 40x lens)



MCF-7 cells were subjected to SDS PAGE followed by western blot with 10423-1-AP(ENOX2 Antibody) at dilution of 1:1000



IP Result of anti-ENOX2 (IP:10423-1-AP, 3µg; Detection:10423-1-AP 1:700) with MCF-7 cells lysate 4000µg.

Background

Tumor-associated NADH oxidase (ENOX2) as a member of a family of growth-related NADH (or hydroquinone) oxidases. It functions 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

Applications

Tested applications:	ELISA, IHC, WB, IP
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated ENOX2 MW:	70 kDa
Observed ENOX2 MW:	70 kDa
Positive WB detected in	MCF-7 cells, HeLa cells, mouse ovary tissue, PC-3 cells
Positive IP detected in	MCF-7 cells
Positive IHC detected in	Human ovary tumor tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0674
GenBank accession number:	BC019254
Gene ID (NCBI):	10495
Full name:	Ecto-NOX disulfide-thiol exchanger 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.