

OVCA2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58414**Specification****OVCA2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8WZ82
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OVCA2
Epitope Specificity	11-100/227
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the UPF0483 (OVCA2) family.
Post-translational modifications	Proteolytically degraded in response to RA and 4HPR treatment in a time- and dose-dependent manner in the promyelocytic leukemia cell line HL-60.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Ubiquitously expressed protein which belongs to the UPF0483 (OVCA2) family. Encoded in an intron of the gene DPH1/OVCA1 (same strand).

OVCA2 Polyclonal Antibody - Additional Information

Gene ID 124641

Other Names

Esterase OVCA2, 3.1.2.-, Ovarian cancer-associated gene 2 protein, OVCA2

Target/Specificity

Ubiquitously expressed.

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

OVCA2 Polyclonal Antibody - Protein Information

Name OVCA2 ([HGNC:24203](#))

Function

Exhibits ester hydrolase activity with a strong preference for long-chain alkyl ester substrates and high selectivity against a variety of short, branched, and substituted esters. Is able to hydrolyze ester bonds within a wide range of p-nitrophenyl derivatives (C2-C14) in vitro, with a strong preference toward substrates of >8 carbons.

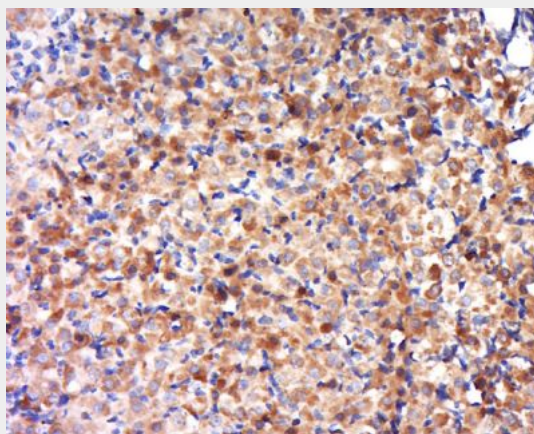
Tissue Location

Ubiquitously expressed.

OVCA2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OVCA2 Polyclonal Antibody - Images

Tissue/cell: Rat ovary tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at

37°C for 20 min;

Incubation: Anti-OVCA2 Polyclonal Antibody, Unconjugated(bs-6298R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining