10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OVCA2 Rabbit pAb

OVCA2 Rabbit pAb
Catalog # AP58414

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8WZ82
Reactivity	Rat
Predicted	Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24418
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.
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).

Additional Information

Gene ID	124641
Other Names	Esterase OVCA2, 3.1.1.1, OVCA2 serine hydrolase domain-containing protein, Ovarian cancer-associated gene 2 protein, OVCA2 (HGNC:24203)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

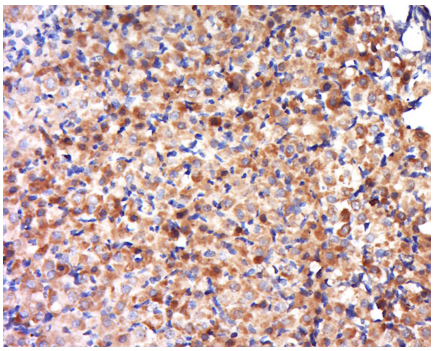
Name	OVCA2 (HGNC:24203)
Function	Exhibits ester hydrolase activity with a strong preference for long-chain alkyl ester substrates and high selectivity against a variety of short, branched, and substituted esters. Is able to hydrolyze ester bonds within a wide range of p-nitrophenyl derivatives (C2-C14) in vitro, with a strong preference toward

	substrates of >8 carbons.
Tissue Location	Ubiquitously expressed.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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℃ for 20 min;
Incubation: Anti-OVCA2 Polyclonal Antibody, Unconjugated(AP58414) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.