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OCIAD1 Rabbit pAb

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Catalog # AP58567

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9NX40
Reactivity	Rat, Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27626
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OCIAD1
Epitope Specificity	76-170/245
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endosome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Tissue specificity; Isoform 1 is highly expressed in many tissues, including testis, brain, placenta, ovary, prostate and mammary gland. Isoform 2 expression is restricted to the central nervous system including brain, cerebellum and spinal cord.

Additional Information

Gene ID	54940
Other Names	OCIA domain-containing protein 1, Ovarian cancer immunoreactive antigen domain containing 1, Ovarian carcinoma immunoreactive antigen, OCIAD1 (HGNC:16074)
Dilution	WB=1:500-2000,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

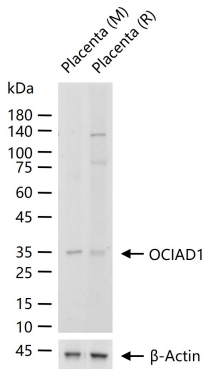
Name	OCIAD1 (HGNC:16074)

Function	Maintains stem cell potency (By similarity). Increases STAT3 phosphorylation and controls ERK phosphorylation (By similarity). May act as a scaffold, increasing STAT3 recruitment onto endosomes (By similarity). Involved in integrin-mediated cancer cell adhesion and colony formation in ovarian cancer (PubMed:20515946).
Cellular Location	Endosome {ECO:0000250|UniProtKB:Q9CRD0}.
Tissue Location	Isoform 1 is highly expressed in many tissues, including testis, brain, placenta, ovary, prostate and mammary gland Isoform 2 expression is restricted to the central nervous system including brain, cerebellum and spinal cord

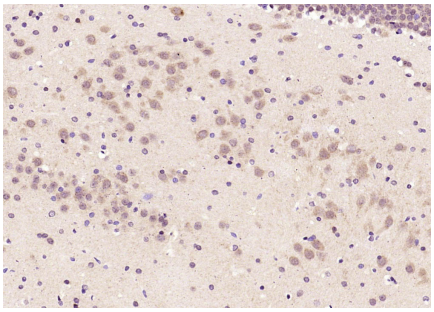
Background

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Images



25 ug total protein per lane of various lysates (see on figure) probed with OCIAD1 polyclonal antibody, unconjugated (AP58567) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OCIAD1) Polyclonal Antibody, Unconjugated (AP58567) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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