

**OCIAD1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58567****Specification**

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**OCIAD1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q9NX40</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OCIAD1
Epitope Specificity	76-170/245
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endosome.
SIMILARITY	Belongs to the OCIAD1 family. Contains 1 OCIA domain.
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.

**OCIAD1 Polyclonal Antibody - Additional Information**

**Gene ID** 54940

**Other Names**

OCIA domain-containing protein 1, Ovarian cancer immunoreactive antigen domain containing 1, Ovarian carcinoma immunoreactive antigen, OCIAD1 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=16074](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=16074))  
HGNC:16074

**Target/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.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_E">E~~N/A</span>

**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.

**OCIAD1 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/20515946" target="\_blank">20515946</a>).

**Cellular Location**

Endosome {ECO:0000250|UniProtKB:Q9CRD0}.

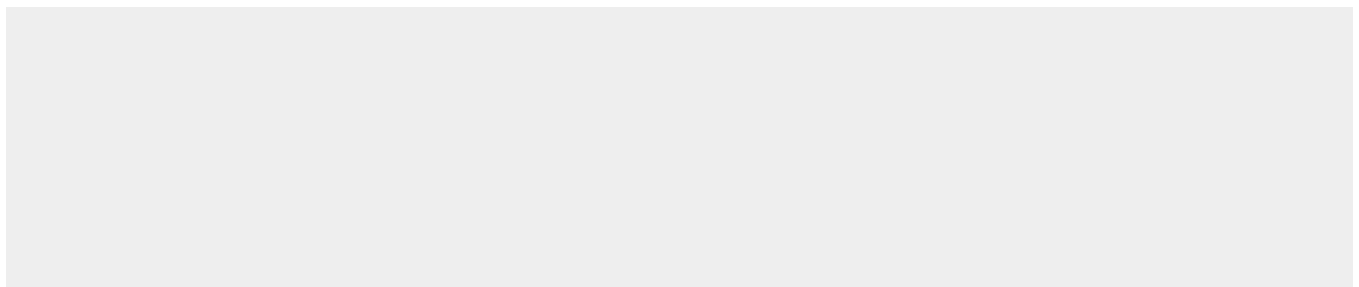
**Tissue Location**

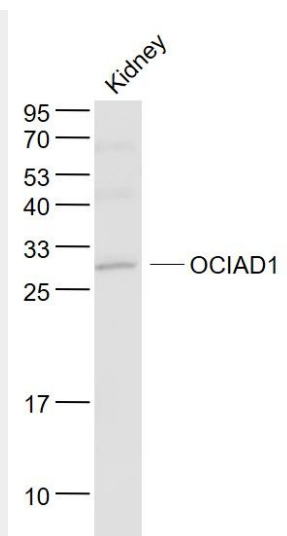
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**OCIAD1 Polyclonal Antibody - Protocols**

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](#)

**OCIAD1 Polyclonal Antibody - Images**



**Sample:**

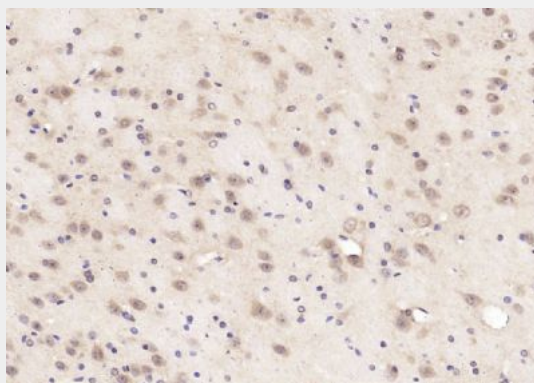
Kidney (Mouse) Lysate at 40 ug

Primary: Anti- OCIAD1 (bs-7001R) at 1/1000 dilution

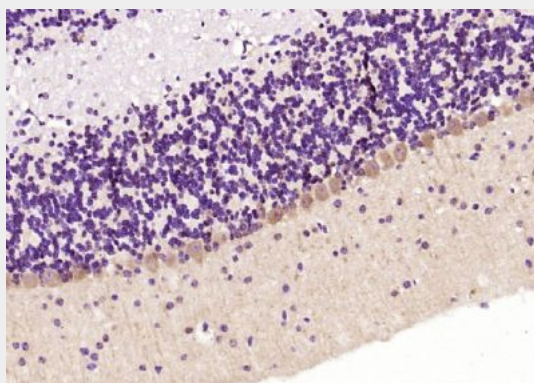
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 27 kD

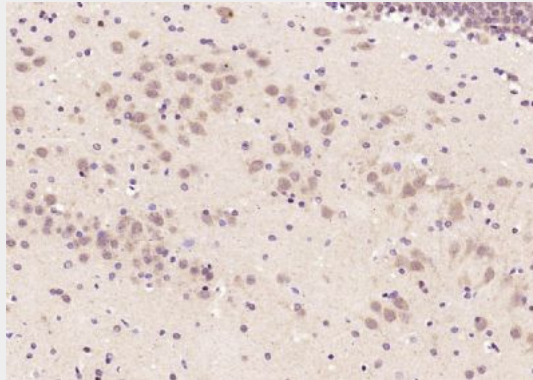


Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OCIAD1) Polyclonal Antibody, Unconjugated (bs-7001R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); 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 (bs-7001R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (bs-7001R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.