

**FHOD3 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55074**

**Specification**

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**FHOD3 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q2V2M9</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	158613

**FHOD3 Polyclonal Antibody - Additional Information**

**Gene ID** 80206

**Other Names**

FH1/FH2 domain-containing protein 3, Formactin-2, Formin homolog overexpressed in spleen 2, hFHOS2, FHOD3, FHOS2, KIAA1695

**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.

**FHOD3 Polyclonal Antibody - Protein Information**

**Name** FHOD3

**Synonyms** FHOS2, KIAA1695

**Function**

Actin-organizing protein that may cause stress fiber formation together with cell elongation (By similarity). Isoform 4 may play a role in actin filament polymerization in cardiomyocytes.

**Cellular Location**

Cytoplasm, cytoskeleton. Note=Main part of the protein localizes to actin fibers and the remaining part displays filamentous staining

**Tissue Location**

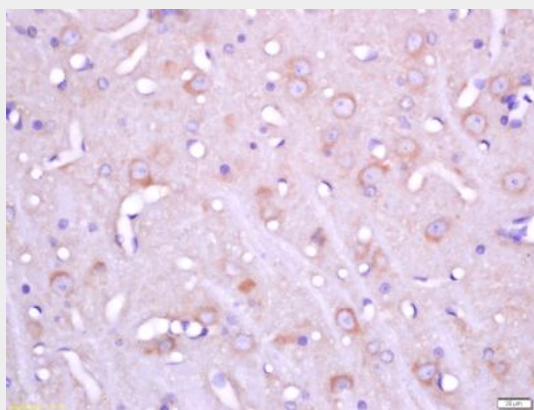
Expressed in the heart, kidney and brain. May be down-regulated in various types of heart diseases, including idiopathic dilated, ventricular dilated, familial dilated and perinatal dilated cardiomyopathies, as well as ischemic heart disease (at protein level)

## FHOD3 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](#)

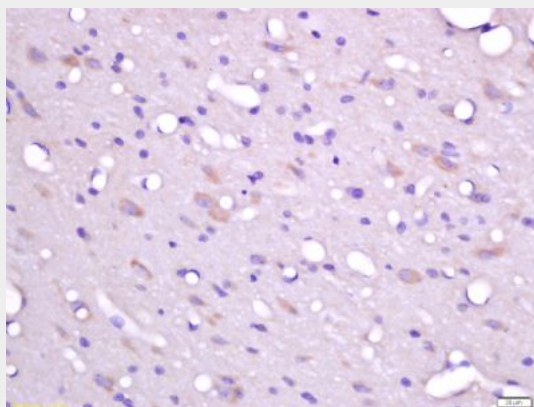
## FHOD3 Polyclonal Antibody - Images



Tissue/cell: Rat brain 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;

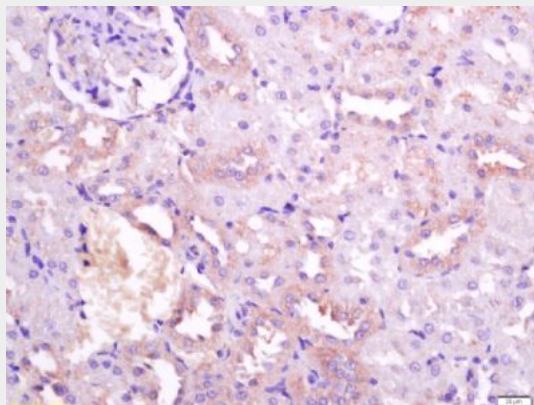
Incubation: Anti-FHOD3 Polyclonal Antibody, Unconjugated(bs-13156R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat brain 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-FHOD3 Polyclonal Antibody, Unconjugated(bs-13156R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat kidney 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-FHOD3 Polyclonal Antibody, Unconjugated(bs-13156R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining