

FCHO1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13755**Specification**

FCHO1 antibody - middle region - Product Information

Application	IHC, WB
Primary Accession	O14526
Other Accession	NM_015122 , NP_055937
Reactivity	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97kDa KDa

FCHO1 antibody - middle region - Additional Information**Gene ID** 23149**Alias Symbol** KIAA0290**Other Names**

FCH domain only protein 1, FCHO1, KIAA0290

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FCHO1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FCHO1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

FCHO1 antibody - middle region - Protein Information**Name** FCHO1 ([HGNC:29002](#))**Synonyms** KIAA0290**Function**

Functions in an early step of clathrin-mediated endocytosis (PubMed:30822429). Has both a membrane binding/bending activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. May regulate Bmp signaling by regulating clathrin-mediated endocytosis of Bmp receptors. Involved in the regulation of T-cell proliferation and activation

(PubMed:30822429, PubMed:32098969). Affects TCR clustering upon receptor triggering and modulates its internalisation, playing a role in TCR-dependent T-cell activation (PubMed:32098969).

Cellular Location

Membrane, clathrin-coated pit; Peripheral membrane protein; Cytoplasmic side Note=Associated with forming but not mature clathrin-coated vesicles The recruitment to coated-pits precede the one of clathrin and the adaptor protein complex AP-2. According to PubMed:17617719 it may also dynamically associate with Golgi/TGN membranes

Tissue Location

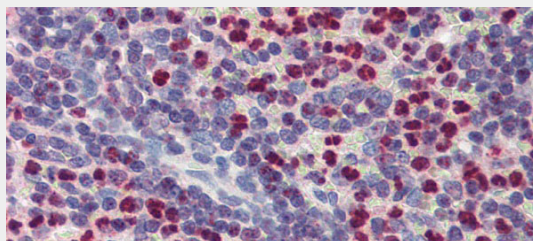
Predominantly expressed in lymphoid cells.

FCHO1 antibody - middle region - 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](#)

FCHO1 antibody - middle region - Images



Immunohistochemistry with Human Spleen lysate tissue at an antibody concentration of 5.0µg/ml using anti-FCHO1 antibody (AI13755)



WB Suggested Anti-FCHO1 Antibody Titration: 1 µg/ml

Positive Control: 293T cells lysate

FCHO1 antibody - middle region - References

Ohara O.,et al.DNA Res. 4:53-59(1997).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Grimwood J.,et al.Nature 428:529-535(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Sakaushi S.,et al.Biosci. Biotechnol. Biochem. 71:1764-1768(2007).