

FLOT2 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22149b

Specification

FLOT2 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q14254
Other Accession	A6QLR4 , Q60634 , Q9Z2S9
Reactivity	Human, Mouse
Predicted	Bovine, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	47064

FLOT2 Antibody (C-Term) - Additional Information

Gene ID 2319

Other Names

Flotillin-2, Epidermal surface antigen, ESA, Membrane component chromosome 17 surface marker 1, FLOT2, ESA1, M17S1

Target/Specificity

This FLOT2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 322-356 amino acids from human FLOT2.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FLOT2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

FLOT2 Antibody (C-Term) - Protein Information

Name FLOT2

Synonyms ESA1, M17S1

Function May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function.

Cellular Location

Cell membrane; Peripheral membrane protein. Membrane, caveola; Peripheral membrane protein. Endosome Membrane; Lipid-anchor. Note=Membrane- associated protein of caveolae

Tissue Location

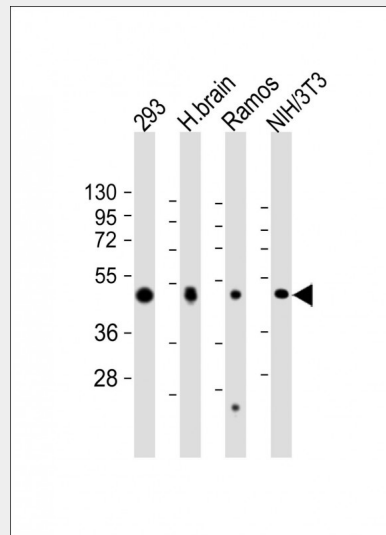
In skin, expressed in epidermis and epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes

FLOT2 Antibody (C-Term) - 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](#)

FLOT2 Antibody (C-Term) - Images



All lanes : Anti-FLOT2 Antibody (C-Term) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: human brain lysate Lane 3: Ramos whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

FLOT2 Antibody (C-Term) - Background

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formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function.

FLOT2 Antibody (C-Term) - References

- Zody M.C., et al. *Nature* 440:1045-1049(2006).
Schroeder W.T., et al. *J. Biol. Chem.* 269:19983-19991(1994).
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Gorbea C., et al. *J. Biol. Chem.* 285:31616-31633(2010).
Burkard T.R., et al. *BMC Syst. Biol.* 5:17-17(2011).