

MCF2L Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3299a**Specification**

MCF2L Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O15068
Other Accession	NP_001106203.1 , NP_079255.3 , 23263 , 17207 (mouse), 117020 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	128109

MCF2L Antibody (internal region) - Additional Information**Gene ID** 23263**Other Names**

Guanine nucleotide exchange factor DBS, DBL's big sister, MCF2-transforming sequence-like protein, MCF2L, KIAA0362

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MCF2L Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MCF2L Antibody (internal region) - Protein Information**Name** MCF2L**Synonyms** KIAA0362, OST {ECO:0000303|PubMed:151576}

Function

Guanine nucleotide exchange factor that catalyzes guanine nucleotide exchange on RHOA and CDC42, and thereby contributes to the regulation of RHOA and CDC42 signaling pathways (By similarity). Seems to lack activity with RAC1. Becomes activated and highly tumorigenic by truncation of the N-terminus (By similarity). Isoform 5 activates CDC42 (PubMed:15157669).

Cellular Location

[Isoform 5]: Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side
Cytoplasm {ECO:0000250|UniProtKB:Q64096}. Cell membrane
{ECO:0000250|UniProtKB:Q64096}; Peripheral membrane protein
{ECO:0000250|UniProtKB:Q64096}; Cytoplasmic side {ECO:0000250|UniProtKB:Q64096}

MCF2L Antibody (internal 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](#)

MCF2L Antibody (internal region) - Images

AF3299a (1 µg/ml) staining of Jurkat (A) and Human Thymus (B) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MCF2L Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_001106203.1; NP_079255.3).

MCF2L Antibody (internal region) - References

Mutation of ARHGAP9 in patients with coronary spastic angina. Takefuji M, Asano H, Mori K, Amano M, Kato K, Watanabe T, Morita Y, Katsumi A, Itoh T, Takenawa T, Hirashiki A, Izawa H, Nagata K, Hirayama H, Takatsu F, Naoe T, Yokota M, Kaibuchi K, Journal of human genetics 2010 Jan 55 (1): 42-9. PMID: 19911011