

RAPGEF6 Antibody (clone 2C5)
Mouse Monoclonal Antibody
Catalog # ALS14488**Specification**

RAPGEF6 Antibody (clone 2C5) - Product Information

Application	IF
Primary Accession	Q8TEU7
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	179kDa KDa

RAPGEF6 Antibody (clone 2C5) - Additional Information**Gene ID** 51735**Other Names**

Rap guanine nucleotide exchange factor 6, PDZ domain-containing guanine nucleotide exchange factor 2, PDZ-GEF2, RA-GEF-2, RAPGEF6, PDZGEF2

Target/Specificity

Human RAPGEF6

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

RAPGEF6 Antibody (clone 2C5) is for research use only and not for use in diagnostic or therapeutic procedures.

RAPGEF6 Antibody (clone 2C5) - Protein Information**Name** RAPGEF6**Synonyms** PDZGEF2**Function**

Guanine nucleotide exchange factor (GEF) for Rap1A, Rap2A and M-Ras GTPases. Does not interact with cAMP.

Cellular Location

Cytoplasm. Cell membrane. Note=Upon binding to M-Ras, it translocates to the plasma membrane

Tissue Location

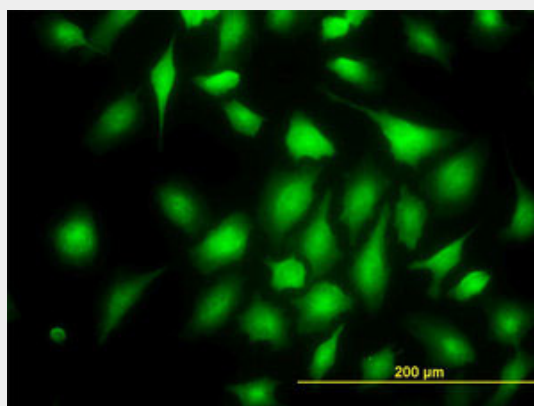
Isoform 3 has highest expression levels in the brain, heart, liver, lung and placenta and is barely detectable in skeletal muscle, kidney and pancreas.

RAPGEF6 Antibody (clone 2C5) - 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](#)

RAPGEF6 Antibody (clone 2C5) - Images



Immunofluorescence of monoclonal antibody to RAPGEF6 on HeLa cell. [antibody concentration 40 ug/ml]

RAPGEF6 Antibody (clone 2C5) - Background

Guanine nucleotide exchange factor (GEF) for Rap1A, Rap2A and M-Ras GTPases. Does not interact with cAMP.

RAPGEF6 Antibody (clone 2C5) - References

Kuiperij H.B.,et al.Biochim. Biophys. Acta 1593:141-149(2003).
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Gao X.,et al.J. Biol. Chem. 276:42219-42225(2001).
Schmutz J.,et al.Nature 431:268-274(2004).
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