

MTCL1 / SOGA2 Antibody (aa13-202)
Rabbit Polyclonal Antibody
Catalog # ALS16656**Specification**

MTCL1 / SOGA2 Antibody (aa13-202) - Product Information

Application	IHC, WB
Primary Accession	O9Y4B5
Other Accession	23255
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	209526

MTCL1 / SOGA2 Antibody (aa13-202) - Additional Information**Gene ID** 23255**Other Names**

MTCL1, CCDC165, Protein SOGA2, SOGA family member 2, SOGA2, KIAA0802

Target/Specificity

Human KIAA0802.

Reconstitution & Storage

PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

Precautions

MTCL1 / SOGA2 Antibody (aa13-202) is for research use only and not for use in diagnostic or therapeutic procedures.

MTCL1 / SOGA2 Antibody (aa13-202) - Protein Information**Name** MTCL1**Synonyms** CCDC165, KIAA0802, SOGA2**Function**

Microtubule-associated factor involved in the late phase of epithelial polarization and microtubule dynamics regulation (PubMed: [23902687](http://www.uniprot.org/citations/23902687)). Plays a role in the development and maintenance of non-centrosomal microtubule bundles at the lateral membrane in polarized epithelial cells (PubMed: [23902687](http://www.uniprot.org/citations/23902687)). Required for faithful chromosome segregation during mitosis (PubMed: [33587225](http://www.uniprot.org/citations/33587225)).

Cellular Location

Lateral cell membrane {ECO:0000250|UniProtKB:Q3UHU5}. Apical cell membrane

{ECO:0000250|UniProtKB:Q3UHU5}. Cytoplasm, cytoskeleton, spindle pole. Midbody. Cytoplasm, cytoskeleton. Note=Colocalized with microtubules at the base of cilia. Gradually accumulates on the apicobasal microtubule bundles during epithelial cell polarization (By similarity) Colocalized with the apicobasal microtubule bundles running beneath the lateral membrane. Colocalized with microtubule bundles in the spindle pole in mitotic cells and in the midbodies at the end of cytokinesis {ECO:0000250|UniProtKB:Q3UHU5, ECO:0000269|PubMed:23902687}

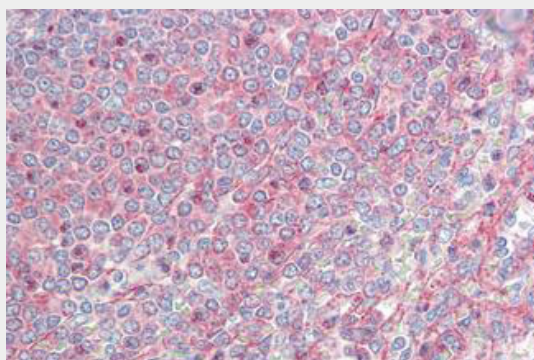
Volume
50 µl

MTCL1 / SOGA2 Antibody (aa13-202) - Protocols

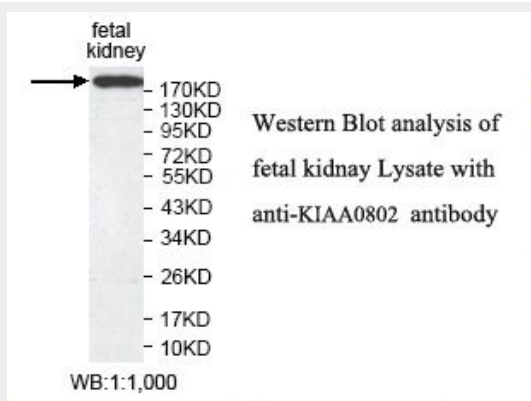
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTCL1 / SOGA2 Antibody (aa13-202) - Images



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blot analysis of fetal kidney lysate with anti-KIAA0802 antibody

MTCL1 / SOGA2 Antibody (aa13-202) - Background

Microtubule-associated factor involved in the late phase of epithelial polarization and microtubule dynamics regulation. Plays a role in the development and maintenance of non-centrosomal microtubule bundles at the lateral membrane in polarized epithelial cells.

MTCL1 / SOGA2 Antibody (aa13-202) - References

Nagase T.,et al.DNA Res. 5:277-286(1998).
Ohara O.,et al.Submitted (JAN-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 437:551-555(2005).
Olsen J.V.,et al.Cell 127:635-648(2006).