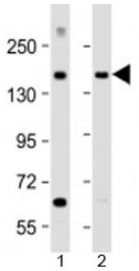
MTUS1 Antibody (F53934)

Catalog No.	Formulation	Size
F53934-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53934-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9ULD2
Applications	Western blot: 1:1000-2000
Limitations	This MTUS1 antibody is available for research use only.



Western blot testing of human 1) brain and 2) lung lysate with MTUS1 antibody at 1:2000. Predicted molecular weight: 141 kDa.

Description

Microtubule-associated tumor suppressor 1 cooperates with AGTR2 to inhibit ERK2 activation and cell proliferation. May be required for AGTR2 cell surface expression. Together with PTPN6, induces UBE2V2 expression upon angiotensin-II stimulation. Isoform 1 inhibits breast cancer cell proliferation, delays the progression of mitosis by prolonging metaphase and reduces tumor growth.

Application Notes

Titration of the MTUS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 183-226 from the human protein was used as the immunogen for the MTUS1 antibody.

Storage

Aliquot the MTUS1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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