MÉDIMABS
ANTIBODY SPECIALIST

Product datasheet

CENTAURIN GAMMA 1 (AGAP2) RABBIT POLYCLONAL ANTIBODY

SKU: MM-0125

100 µL

OVERVIEW

Clonality:
Polyclonal

Host:
Rabbit

Reactivity:
Human

Application:
IP, WB

Target:
Centaurin gamma 1 (AGAP2)

Target background:
Centaurins are a family of proteins that contain an Arf-GAP domain, ankyrin repeats and PH (pleckstrin homology). The human centaurin gamma subfamily is represented by three isoforms, centaurin gamma-1, centaurin gamma-2 and centaurin gamma-3, which are highly similar in primary structure. Centaurin gamma 1 is an enzyme that in humans is encoded by the AGAP2 gene and it is found mainly in the nucleus. It interacts with phosphoinositide 3-kinase regulatory subunit alpha (PIK3R1), Homer protein homolog 1 (Homer 1) and Band 4.1-like protein 1 (EPB41L1). Centaurin gamma 1 has been shown to be involved in small GTPase mediated signal transduction, regulation of ARF GTPase activity and negative regulation of neuron apoptosis.

Specificity:
A specific antibody against the human centaurin gamma 1 protein (AGAP2).

Clone ID:

Preservative:
None

Format:
Lyophilized serum

Recommend starting dilution:
If reconstituted with deionized water in 100 µL: WB: 1:200 (15 min at 37 °C), or 1/5000 (incubation O\N at 4 °C); IP: native condition, 10 µL of serum per sample. Optimal dilution has to be determined by the user.

Limitations:
Research Use Only

References:

Storage:
Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

Image: