

FSD1 Rabbit pAb

FSD1 Rabbit pAb
Catalog # AP55095

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BTV5
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55820
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FSD1
Epitope Specificity	421-496/496
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm > cytoskeleton > centrosome. Nucleus. Cytoplasm. Cleavage furrow. Cell-cycle-dependent association with the centrosome. Colocalizes with a subpopulation of microtubules. Does not associates with microtubules during mitosis but reassociates with microtubules during cytokinesis. Localizes to the central portions of a small subset of microtubules in interphase cells and a subpopulation of microtubules in the cleavage furrow, not present in the mitotic spindle.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May be involved in microtubule organization and stabilization.

Additional Information

Gene ID	79187
Other Names	Fibronectin type III and SPRY domain-containing protein 1, MID1-related protein 1, Microtubule-associated protein GLFND, FSD1, GLFND, MIR1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

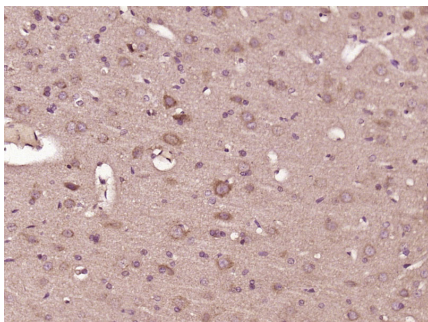
Protein Information

Name	FSD1
Synonyms	GLFND, MIR1
Function	May be involved in microtubule organization and stabilization.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus. Cytoplasm. Cleavage furrow. Note=Cell- cycle-dependent association with the centrosome. Colocalizes with a subpopulation of microtubules. Does not associate with microtubules during mitosis but reassociates with microtubules during cytokinesis Localizes to the central portions of a small subset of microtubules in interphase cells and a subpopulation of microtubules in the cleavage furrow, not present in the mitotic spindle
Tissue Location	Highly expressed in brain tissues, including cerebellum, cerebral cortex, medulla, occipital pole, frontal lobe, temporal lobe and putamen. Lower expression in spinal cord

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FSD1) Polyclonal Antibody, Unconjugated (AP55095) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.