



## Rabbit Anti-FSD1 antibody

SL13220R

<b>Product Name:</b>	FSD1
<b>Chinese Name:</b>	FSD1蛋白抗体
<b>Alias:</b>	Fibronectin type 3 and SPRY (spla, ryanodine) domain containing (with coiled-coil motif) 1; Fibronectin type 3 and SPRY domain containing 1; Fibronectin type III and SPRY domain containing 1; Fibronectin type III and SPRY domain-containing protein 1; Fibronectin type III and SPRY domains containing protein 1; FSD1; FSD1_HUMAN; GLFND; MGC3213; MGC58341; Microtubule-associated protein GLFND; MID1-related protein 1; midline 1-related protein 1; MIR1; VLP27.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	56kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FSD1:421-496/496
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	May be involved in microtubule organization and stabilization.

**Function:**

May be involved in microtubule organization and stabilization.

**Subunit:**

Oligomerization is required for binding to microtubules.

**Subcellular Location:**

Cytoplasm > cytoskeleton > centrosome. Nucleus. Cytoplasm. Cleavage furrow. 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 Specificity:**

Highly expressed in brain tissues, including cerebellum, cerebral cortex, medulla, occipital pole, frontal lobe, temporal lobe and putamen. Lower expression in spinal chord.

**Similarity:**

Contains 1 B30.2/SPRY domain.

Contains 1 COS domain.

Contains 1 fibronectin type-III domain.

**SWISS:**

Q9BTV5

**Gene ID:**

79187

**Database links:**

[Entrez Gene: 79187](#)Human

[Entrez Gene: 240121](#)Mouse

[Omir: 609828](#)Human

[SwissProt: Q05B84](#)Cow

[SwissProt: Q9BTV5](#)Human

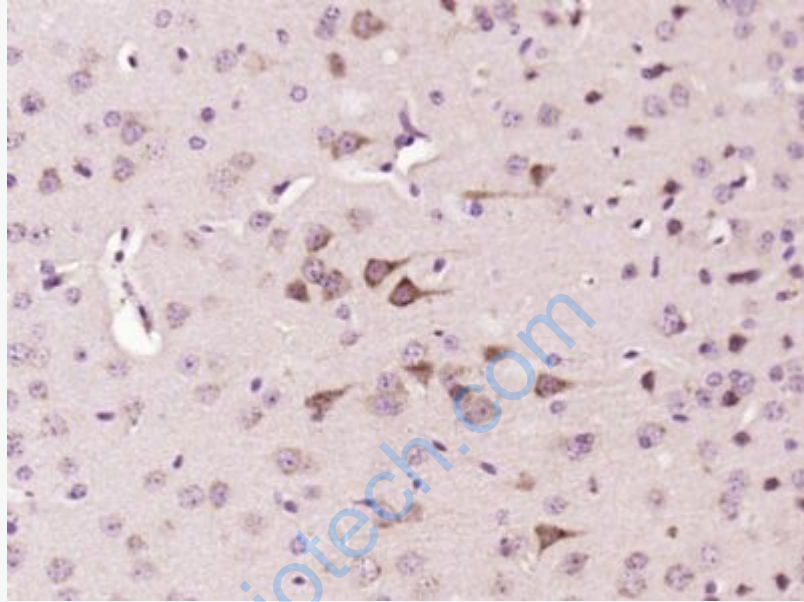
[SwissProt: Q7TPM6](#)Mouse

[Unigene: 28144](#)Human

[Unigene: 270660](#)Mouse

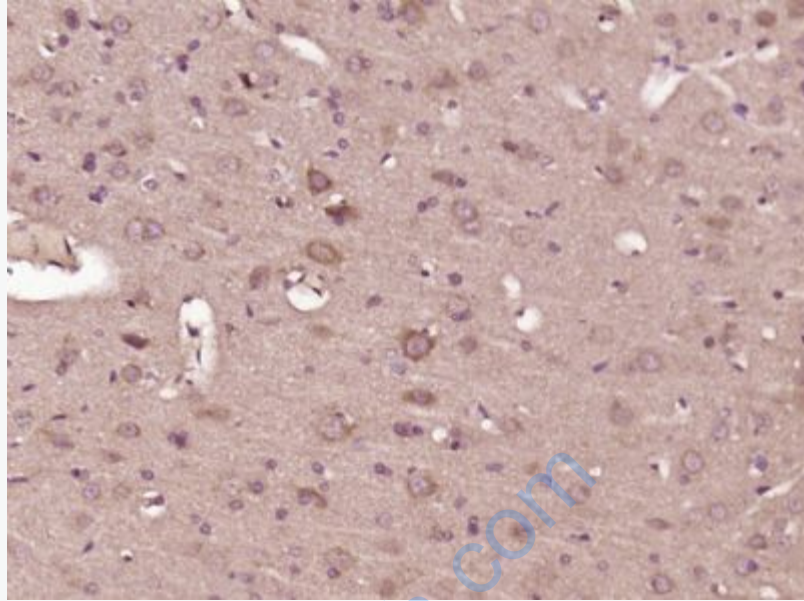
**Important Note:**

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



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Mouse 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 (SL13220R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (SL13220R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.