

KIFAP3 Polyclonal Antibody

Catalog number: 12700-1-AP

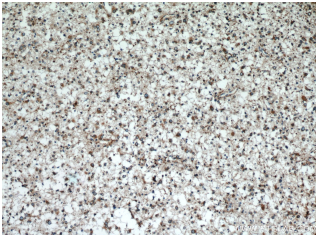
Size: 52 µg/150 µl

Source: Rabbit

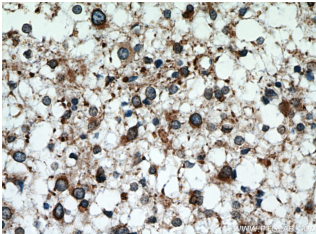
Isotype: IgG

Synonyms:

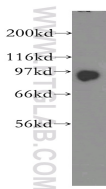
KIFAP3; dJ190I16.1, FLJ22818, KAP 3, KAP3, KIF3AP, KIFAP3, kinesin associated protein 3, SMAP, Smg GDS, Smg GDS associated protein



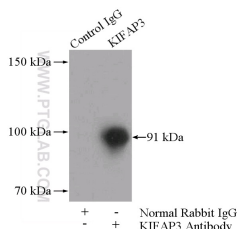
Immunohistochemical of paraffin-embedded human gliomas using 12700-1-AP(KIFAP3 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human gliomas using 12700-1-AP(KIFAP3 antibody) at dilution of 1:50 (under 40x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 12700-1-AP(KIFAP3 antibody) at dilution of 1:600



Background

KIFAP3, also known as KIF3AP or KAP3, is a novel KIF3A/3B-associated protein. It binds to the tail domain of KIF3A/3B and may play a role in regulating the binding of KIF3A/3B to cargoes. Recently it has been reported that mutation within the KIFAP3 gene is associated with decreased KIFAP3 expression and increased survival in sporadic ALS, which makes it a potential target for ALS therapy. KIFAP3 has also been identified as the target of mir-130a.

Applications

Tested applications:	ELISA, WB, IP, IHC
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated KIFAP3 MW:	792aa, 91 kDa
Observed KIFAP3 MW:	91 kDa
Positive WB detected in	Human brain tissue, MCF-7 cells, mouse brain tissue, mouse testis tissue
Positive IP detected in	Mouse testis tissue
Positive IHC detected in	Human gliomas tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3394
GenBank accession number:	BC028679
Gene ID (NCBI):	22920
Full name:	Kinesin-associated protein 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

IP Result of anti-KIFAP3
(IP:12700-1-AP, 4ug;
Detection:12700-1-AP 1:500)
with mouse testis tissue lysate
4000ug.