anti- SEC13 antibody

Product Information

Catalog No.:	FNab07677
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Functions as a component of the nuclear pore complex(NPC) and the COPII coat. At the endoplasmic reticulum, SEC13 is involved in the biogenesis of COPII-coated vesicles. As a component of the GATOR subcomplex GATOR2, functions as an activator of the amino acid-sensing branch of the TORC1 pathway. Inhibits the GATOR1 subcomplex, an inhibitor of the amino acid-sensing branch of the TORC1 pathway(PubMed:23723238). Functions downstream and is regulated by amino acid sensors like SESN2(Probable).

Immunogen information

Immunogen:	SEC13 homolog(S. cerevisiae)
Synonyms:	D3S1231E, SEC13L1, SEC13R
Observed MW:	36 kDa
UniprotID :	P55735

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP

Wuhan Fine Biotech Co., Ltd.

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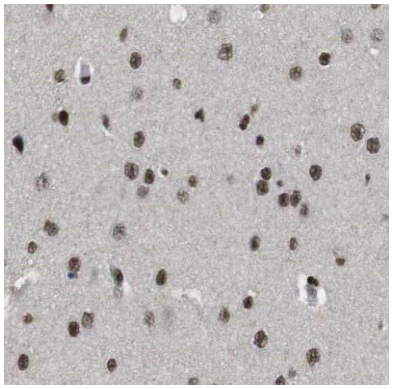
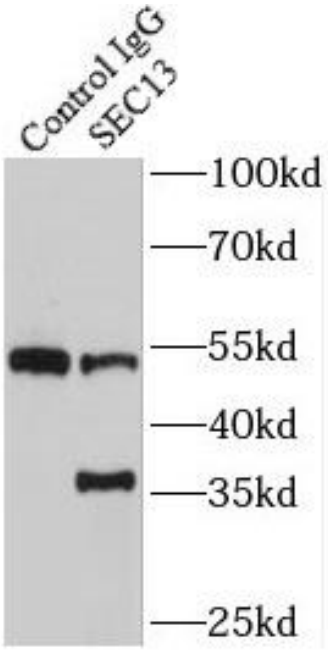
Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab07677(SEC13 Antibody) at dilution of 1:50



IP Result of anti-SEC13 (IP:FNab07677, 3ug; Detection:FNab07677 1:1000) with HepG2 cells lysate 3200ug.

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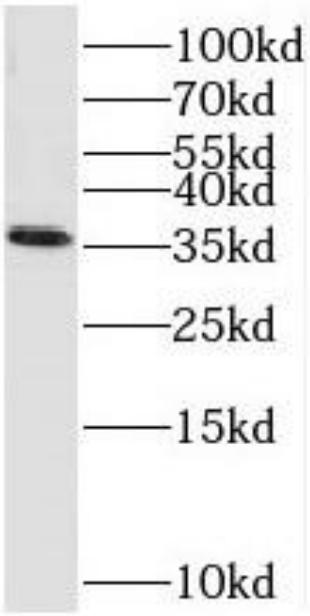

HepG2 cells were subjected to SDS PAGE followed by western blot with FNab07677(SEC13 antibody) at dilution of 1:1000

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