

## CLSTN1 antibody

### Product Information

Catalog No.:	FNab01776
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°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Induces KLC1 association with vesicles and functions as a cargo in axonal anterograde transport. Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation. In complex with APBA2 and C99, a C-terminal APP fragment, abolishes C99 interaction with PSEN1 and thus APP C99 cleavage by gamma-secretase, most probably through stabilization of the direct interaction between APBA2 and APP. The intracellular fragment AlcICD suppresses APBB1-dependent transactivation stimulated by APP C-terminal intracellular fragment(AICD), most probably by competing with AICD for APBB1-binding. May modulate calcium-mediated postsynaptic signals(By similarity).

### Immunogen information

Immunogen:	calsyntenin 1
Synonyms:	Calsyntenin-1 Alcadein-alpha (Alc-alpha) Alzheimer-related cadherin-like protein Non-classical cadherin XB31alpha Soluble Alc-alpha (SAlc-alpha) CTF1-alpha Alternative names: C-terminal fragment 1-alpha CLSTN1 CS1 KIAA0911
Observed MW:	109 kDa
Uniprot ID :	O94985

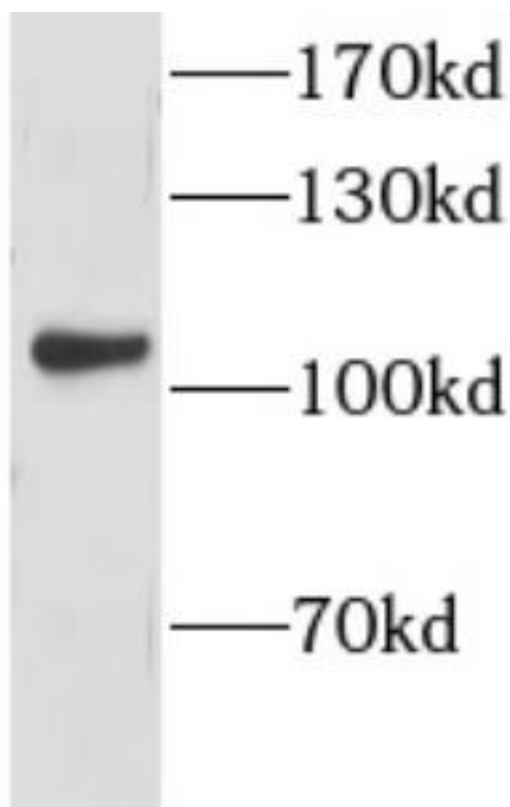
### Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



human brain tissue were subjected to SDS PAGE followed by western blot with FNab01776(CLSTN1 antibody) at dilution of 1:600