

## MYO16 antibody

### Product Information

Catalog No.:	FNab05500
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

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. May be involved in targeting of the catalytic subunit of protein phosphatase 1 during brain development. Activates PI3K and concomitantly recruits the WAVE1 complex to the close vicinity of PI3K and regulates neuronal morphogenesis(By similarity).

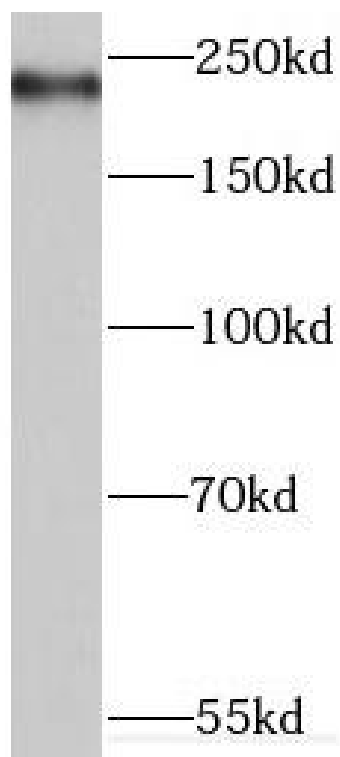
### Immunogen information

Immunogen:	myosin XVI
Synonyms:	Unconventional myosin-XVI Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 3 Unconventional myosin-16 MYO16 KIAA0865 MYO16B NYAP3
Observed MW:	200-240 kDa
Uniprot ID :	Q9Y6X6

### Application

Reactivity:	Human, 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 FNab05500(MYO16 antibody) at dilution of 1:500