

OPHN1 Antibody (Center)

Catalog_no :	AB3498
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This OPHN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 284-315 amino acids from the Central region of human OPHN1.
Dilution :	WB,1:1000;
Other_name :	Oligophrenin-1, OPHN1
Isotype :	Rabbit Ig
Background :	Stimulates GTP hydrolysis of members of the Rho family. Its action on RHOA activity and signaling is implicated in growth and stabilization of dendritic spines, and therefore in synaptic function. Critical for the stabilization of AMPA receptors at postsynaptic sites. Critical for the regulation of synaptic vesicle endocytosis at presynaptic terminals. Required for the localization of NR1D1 to dendrites, can suppress its repressor activity and protect it from proteasomal degradation (By similarity).
reference :	Billuart P.,et al.Nature 392:923-926(1998). Tentler D.,et al.Eur. J. Hum. Genet. 7:541-548(1999). Billuart P.,et al.Ann. Genet. 43:5-9(2000). Kitano T.,et al.Mol. Biol. Evol. 20:1281-1289(2003). Ross M.T.,et al.Nature 434:325-337(2005).