

NGEF Antibody (N-term)

Catalog_no :	AB3405
Reactivity :	H, Rat
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This NGEF antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 187-220 amino acids from the N-terminal region of human NGEF.
Dilution :	WB,1:1000-1:2000;
Other_name :	Ephexin-1, Eph-interacting exchange protein, Neuronal guanine nucleotide exchange factor, NGEF
Isotype :	Rabbit Ig
Background :	Acts as a guanine nucleotide exchange factor (GEF) which differentially activates the GTPases RHOA, RAC1 and CDC42. Plays a role in axon guidance regulating ephrin-induced growth cone collapse and dendritic spine morphogenesis. Upon activation by ephrin through EPHA4, the GEF activity switches toward RHOA resulting in its activation. Activated RHOA promotes cone retraction at the expense of RAC1- and CDC42-stimulated growth cone extension (By similarity).
reference :	Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Rodrigues N.R.,et al.Genomics 65:53-61(2000).