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Datasheet for ABIN7151826

anti-NGEF antibody (AA 495-710) (HRP)

Overview

Quantity:	100 µL
Target:	NGEF
Binding Specificity:	AA 495-710
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NGEF antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ephexin-1 protein (495-710AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	NGEF
Alternative Name:	NGEF (NGEF Products)
Background:	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

Target Details

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).

Aliases: ARHGEF27 antibody, Eph receptor-interacting exchange protein antibody, Eph-interacting exchange protein antibody, EPHEXIN antibody, Ephexin-1 antibody, Guanine nucleotide exchange factor, neuronal antibody, Neuronal guanine nucleotide exchange factor antibody, Ngef antibody, NGEF_HUMAN antibody

UniProt: [Q8N5V2](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.