

Product datasheet for TA363295

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Ngef Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Mouse Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the C terminal region of mouse NGEF

Specificity: Expected reactivity: Mouse

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 71 kDa

Gene Name: neuronal guanine nucleotide exchange factor

Database Link: <u>NP 001104784.1</u>

Entrez Gene 53972 Mouse

Q8CHT1-2

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

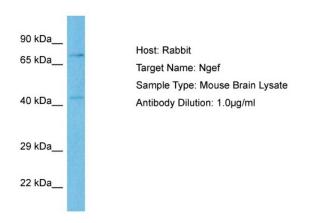
retraction at the expense of RAC1- and CDC42-stimulated growth cone extension.

Synonyms: EPHEXIN





Product images:



Host: Rabbit Target Name: NGEF

Sample Tissue: Mouse Brain lysates

Antibody Dilution: 1ug/ml