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GAB4 Rabbit pAb

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Catalog # AP55107

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q2WGN9
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62367
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GAB4
Epitope Specificity	101-200/574
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Gab family of adaptor proteins function as molecular scaffolds that mediate protein recruit-ment to RTKs. Cytokine/growth factor triggering of protein tyrosine kinase receptors (RTKs) initiates signaling cascades that progress to the nucleus where signals for activation, proliferation and differentiation occur. This scaffolding mechanism represents a critical link in cytokine/growth factor signaling routes. Gab 1-4 contain Pleckstrin homology and potential binding sites for SH2 and SH3 domain-containing proteins. The recruitment of signaling partners to Gab family members is phosphorylation-dependent. Insulin receptor and EGF receptor signaling are among the cascades that rely on Gab family members to elicit a nuclear response to an extracellular stimulus. Gab 4 (GRB2-associated-binding protein 4), also designated GRB2-associated-binding protein 2-like (Gab 2-like), is a 574 amino acid protein that shares 62% sequence similarity with Gab 2 and contains one Pleckstrin homology domain.

Additional Information

Gene ID	128954
Other Names	GRB2-associated-binding protein 4, GRB2-associated binder 2-like, GAB2-like, GRB2-associated binder 4, GRB2-associated-binding protein 2-like, Growth factor receptor bound protein 2-associated protein 4, GAB4
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name GAB4

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.