

# GAB4 Rabbit pAb

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Catalog # AP55107

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q2WGN9</a>
<b>Predicted</b>	Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	62367
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human GAB4
<b>Epitope Specificity</b>	101-200/574
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the GAB family. Contains 1 PH domain.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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

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<b>Gene ID</b>	128954
<b>Other Names</b>	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
<b>Dilution</b>	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
<b>Storage</b>	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

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Name	GAB4
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## Background

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