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Datasheet for ABIN1714787 **anti-GAB3 antibody (AA 31-130)**

Overview

Quantity:	100 µL
Target:	GAB3
Binding Specificity:	AA 31-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GAB3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GAB3
Alternative Name:	GAB3 (GAB3 Products)

Target Details

Background:	<p>Synonyms: Gab3, GAB3_HUMAN, GRB2-associated binder 3, GRB2-associated-binding protein 3, Growth factor receptor bound protein 2-associated protein 3.</p> <p>Background: The Gab family of adaptor proteins function as molecular scaffolds that mediate protein recruitment to RTKs (13). 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 (13). This scaffolding mechanism represents a critical link in cytokine/growth factor signaling routes. Gab1-3 contain pleckstrin homology and potential binding sites for SH2 and SH3 domain-containing proteins (1,4,5). The recruitment of signaling partners to Gab family members is phosphorylation dependent (1,4). 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 (6,7). The human Gab3 gene maps to chromosome Xq28 and encodes a 586 amino acid protein (5).</p>
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Gene ID:	139716
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Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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