

Datasheet for ABIN390236
anti-GRB2 antibody (AA 187-216)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	GRB2
Binding Specificity:	AA 187-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GRB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-216 amino acids from human GRB2.
Clone:	RB11305-11306
Isotype:	Ig Fraction
Predicted Reactivity:	X, C, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GRB2
Alternative Name:	GRB2 (GRB2 Products)

Target Details

Background:	GRB2 binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal transduction pathway.
Molecular Weight:	25206
Gene ID:	2885
NCBI Accession:	NP_002077 , NP_987102
UniProt:	P62993
Pathways:	RTK Signaling , TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Actin Filament Polymerization , Hepatitis C , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , EGFR Downregulation

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

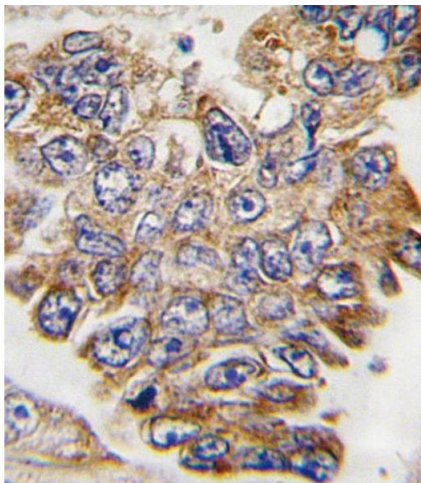
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

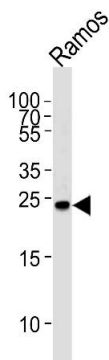
Product cited in:	Kevin Li-Chun, Schob, Zeller, Pulli, Ali, Wang, Chiou, Tsang, Lee, Stossel, Chen: "Gelsolin
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decreases actin toxicity and inflammation in murine multiple sclerosis." in: **Journal of neuroimmunology**, Vol. 287, pp. 36-42, (2015) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GRB2 Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of lysate from Ramos cell line, using GRB2 Antibody (p) (ABIN390236 and ABIN2840707). (ABIN390236 and ABIN2840707) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µ g.