

**GRB2 Antibody (Y209)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5382**

**Specification**

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**GRB2 Antibody (Y209) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P62993</a>
Other Accession	<a href="#">P62994</a> , <a href="#">Q60631</a> , <a href="#">Q07883</a> , <a href="#">Q6GPJ9</a> , <a href="#">P87379</a>
Reactivity	Human, Rat
Predicted	Xenopus, Chicken, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=25,21;M=25,21;R=25 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**GRB2 Antibody (Y209) - Additional Information**

**Gene ID** 2885

**Antigen Region**  
187-216

**Other Names**

Growth factor receptor-bound protein 2, Adapter protein GRB2, Protein Ash, SH2/SH3 adapter GRB2, GRB2, ASH

**Dilution**

WB~~1:1000

**Target/Specificity**

This GRB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-216 amino acids from human GRB2.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GRB2 Antibody (Y209) is for research use only and not for use in diagnostic or therapeutic procedures.

**GRB2 Antibody (Y209) - Protein Information**

**Name** GRB2

**Synonyms** ASH

**Function**

Adapter protein that provides a critical link between cell surface growth factor receptors and the Ras signaling pathway.

**Cellular Location**

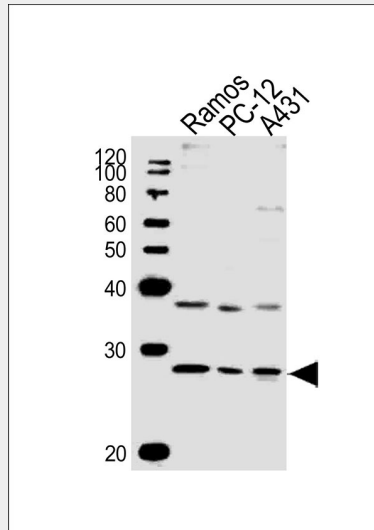
Nucleus. Cytoplasm. Endosome Golgi apparatus {ECO:0000250|UniProtKB:Q60631}

**GRB2 Antibody (Y209) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GRB2 Antibody (Y209) - Images**



All lanes : Anti-GRB2 Antibody pY209 at 1:1000 dilution Lane 1: Ramos whole cell lysates Lane 2: PC-12 whole cell lysates Lane 3: A431 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

**GRB2 Antibody (Y209) - 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.

**GRB2 Antibody (Y209) - References**

Kondo,A., J. Biol. Chem. 283 (3), 1428-1436 (2008) Morimatsu,M., Proc. Natl. Acad. Sci. U.S.A. 104 (46), 18013-18018 (2007) Martinez,N., Cell. Signal. 19 (11), 2277-2285 (2007)