

**GRB2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6283c****Specification**

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**GRB2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P62993](#)**GRB2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 2885**Other Names**Growth factor receptor-bound protein 2, Adapter protein GRB2, Protein Ash, SH2/SH3 adapter  
GRB2, GRB2, ASH**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6283c](/products/AP6283c) was selected from the Center region of human GRB2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GRB2 Antibody (Center) Blocking Peptide - 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 (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **GRB2 Antibody (Center) Blocking Peptide - Images**

#### **GRB2 Antibody (Center) Blocking Peptide - 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.

#### **GRB2 Antibody (Center) Blocking Peptide - 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)