

**GRB2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6283b****Specification****GRB2 Antibody (N-term) Blocking Peptide -  
Product Information**Primary Accession [P62993](#)**GRB2 Antibody (N-term) 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 [AP6283b](/products/AP6283b) was selected from the N-term 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 (N-term) Blocking Peptide -  
Protein Information****Name GRB2****GRB2 Antibody (N-term) 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 (N-term) 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)

**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 (N-term) Blocking Peptide  
- Protocols**

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

- [Blocking Peptides](#)