

## GRB2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03805
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GRB2. AA range:141-190
<b>Mol wt</b>	25206
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GRB2 Antibody
<b>Synonyms</b>	GRB2; ASH; Growth factor receptor-bound protein 2; Adapter protein GRB2; Protein Ash; SH2/SH3 adapter GRB2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The growth factor receptor bound protein 2 encoded by 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. legans*, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

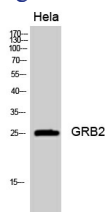
### Recommended Dilution

WB: 1: 500 - 1: 2000

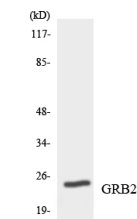
ELISA: 1: 40000

Not yet tested in other applications.

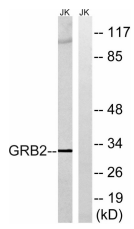
### Images



Western Blot analysis of HeLa cells using GRB2 Polyclonal Antibody diluted at 1:2000



Western blot analysis of the lysates from HeLa cells using GRB2 antibody.



Western blot analysis of lysates from Jurkat cells, using GRB2 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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