

## GRB14 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03804
<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 GRB14. AA range:81-130
<b>Mol wt</b>	60988
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GRB14 Antibody
<b>Synonyms</b>	GRB14; Growth factor receptor-bound protein 14; GRB14 adapter protein

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

### Background

Growth factor receptor-bound protein 14 belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. GRB14 encodes a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. Growth factor receptor-bound protein 14 likely has an inhibitory effect on receptor tyrosine kinase signaling and, in particular, on insulin receptor signaling. GRB14 may play a role in signaling pathways that regulate growth and metabolism. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

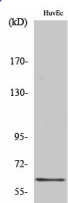
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

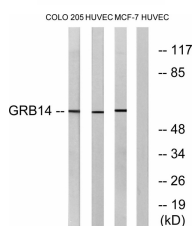
ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using GRB14 Polyclonal Antibody



Western blot analysis of lysates from HUVEC, COLO, and MCF-7 cells, using GRB14 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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