

## Product datasheet

# Anti-GRB7 antibody ab2630

### 1 References

#### Overview

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<b>Product name</b>	Anti-GRB7 antibody
<b>Description</b>	Goat polyclonal to GRB7
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat
<b>Immunogen</b>	Synthetic peptide: ELDLSPPHLSSSPE, corresponding to amino acids 2-15 of Human GRB 7. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	A431 lysate
<b>General notes</b>	Principal Names - GRB7; growth factor receptor-bound protein 7 Official Gene Symbol - GRB7 GenBank Accession Number – NP_005301 LocusLink ID - 2886 Gene Ontology terms - oncogenesis; SH3/SH2 adaptor protein; EGF receptor signalling pathway

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 0.5mg/ml Tris, pH 7.3
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

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Our [Abpromise guarantee](#) covers the use of **ab2630** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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ELISA

WB

#### Application notes

ELISA: 1/32000.

WB: Use at a concentration of 1 - 3 µg/ml.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### Target

##### Function

Interacts with the cytoplasmic domain of the epidermal growth factor receptor which is then inhibited. The interaction is mediated by the SH2 domain. Also binds to ERBB2.

##### Sequence similarities

Belongs to the GRB7/10/14 family.

Contains 1 PH domain.

Contains 1 Ras-associating domain.

Contains 1 SH2 domain.

##### Post-translational modifications

Phosphorylated on tyrosine residues.

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