


Product datasheet

Anti-GRB7 antibody ab2630

Overview

Product name	Anti-GRB7 antibody
Description	Goat polyclonal to GRB7
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide: ELDLSPPHLSSSPE, corresponding to amino acids 2-15 of Human GRB 7. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	A431 lysate
General notes	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

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

Applications

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
ELISA		

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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