



# GRB7 rabbit pAb

Cat No.:ES8778

For research use only

## Overview

<b>Product Name</b>	GRB7 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 30-100
<b>Specificity</b>	The antibody detects endogenous GRB7
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Growth factor receptor-bound protein 7 (B47) (Epidermal growth factor receptor GRB-7) (GRB7 adapter protein)
<b>Gene Name</b>	GRB7
<b>Cellular localization</b>	Cytoplasm . Cell junction, focal adhesion . Cell membrane; Peripheral membrane protein; Cytoplasmic side . Cytoplasmic granule . Cell projection . Predominantly cytoplasmic. Detected in stress granules, where mRNA is stored under stress conditions. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2886
<b>Human Swiss-Prot Number</b>	Q14451
<b>Alternative Names</b>	Growth factor receptor-bound protein 7 (B47;Epidermal growth factor receptor GRB-7;GRB7 adapter protein)
<b>Background</b>	The product of this gene belongs to a small family of





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adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2011],

Immunohistochemical analysis of paraffin-embedded Human-breast, antibody was diluted at 1:100



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