

Datasheet for ABIN615588  
**anti-GRB2 antibody (C-Term)**



[Go to Product page](#)

3 Images

Overview

Quantity:	50 µg
Target:	GRB2
Binding Specificity:	AA 198-217, C-Term
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	GRB2 antibody was raised against synthetic peptide corresponding to C-terminus of human Grb2 (amino acids 198-217). .Remarks: 100% identity between man, cow, rat and mouse
Specificity:	The polyclonal antibody recognizes Grb2, a highly conserved approximately 26 kDa adaptor protein.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	GRB2
Alternative Name:	GRB2 / ASH ( <a href="#">GRB2 Products</a> )
Background:	Growth factor receptor bound protein 2 (GRB2), also known as Ash protein, is a 24 kDa protein that contains a central Src homology (SH2) domain flanked by two SH3 domains. GRB2 is

## Target Details

---

believed to be a regulatory subunit of signaling molecules whose activity is modulated by receptor binding. GRB2 associates with activated (tyrosine phosphorylated) EGFR and PDGFR via its SH2 domain as well as IRS1, SHC, and LNK through SH2 and SH3 domains. The SH3 domain binds to SOS, a guanine nucleotide exchange factor for Ras proteins. Endocytosis of activated EGFR requires the interaction of GRB2 with the GTP binding protein dynamin, a factor essential to the formation of endocytotic vesicle. It is ubiquitously expressed and several isoforms are produced by alternative splicing. On SDS PAGE, GRB2 has an apparent molecular weight of 28 kDa. Synonyms: Growth factor receptor-bound protein 2

Gene ID:	2885
NCBI Accession:	<a href="#">NP_002077</a>
UniProt:	<a href="#">P62993</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Hepatitis C, Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">EGFR Downregulation</a>

## Application Details

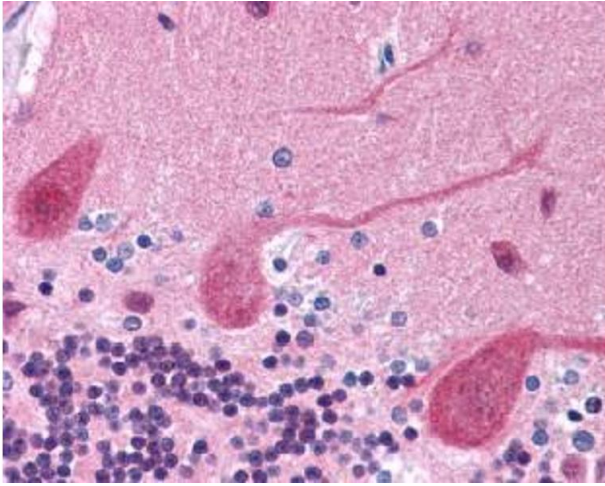
---

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

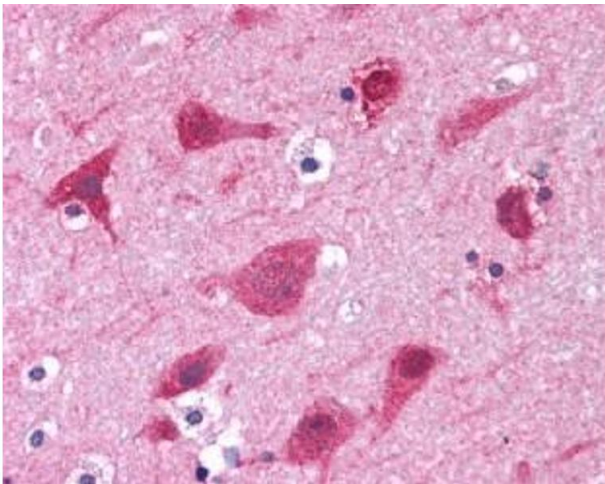
---

Buffer:	PBS containing 15 mM sodium azide and 0.2 % BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



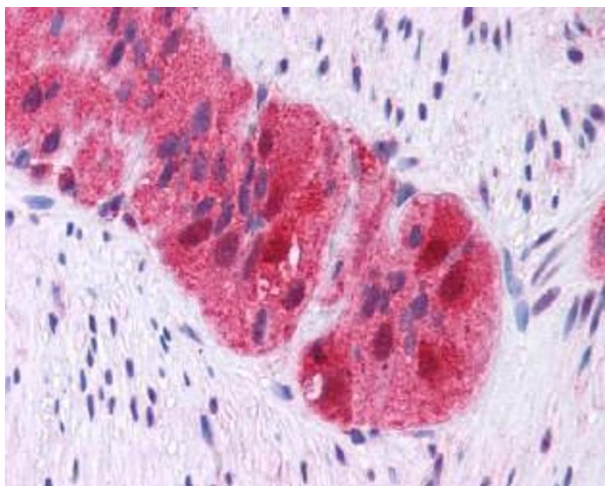
**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** IHC Image for AP23211PU-N Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** IHC Image for AP23211PU-N Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** IHC Image for AP23211PU-N Human Colon, Myenteric Plexus: Formalin-Fixed, Paraffin-Embedded (FFPE)