

**GRB4 / NCK2 Antibody (aa119-276)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11649**

**Specification**

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**GRB4 / NCK2 Antibody (aa119-276) - Product Information**

Application	IHC
Primary Accession	<a href="#">O43639</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

**GRB4 / NCK2 Antibody (aa119-276) - Additional Information**

**Gene ID** 8440

**Other Names**

Cytoplasmic protein NCK2, Growth factor receptor-bound protein 4, NCK adaptor protein 2, Nck-2, SH2/SH3 adaptor protein NCK-beta, NCK2, GRB4

**Target/Specificity**

Amino acids 119 to 276 of human NCK2

**Reconstitution & Storage**

+4°C, avoid freezing

**Precautions**

GRB4 / NCK2 Antibody (aa119-276) is for research use only and not for use in diagnostic or therapeutic procedures.

**GRB4 / NCK2 Antibody (aa119-276) - Protein Information**

**Name** NCK2

**Synonyms** GRB4

**Function**

Adapter protein which associates with tyrosine-phosphorylated growth factor receptors or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1. Plays a role in ELK1-dependent transcriptional activation in response to activated Ras signaling.

**Cellular Location**

Cytoplasm. Endoplasmic reticulum

**Tissue Location**

Ubiquitous.

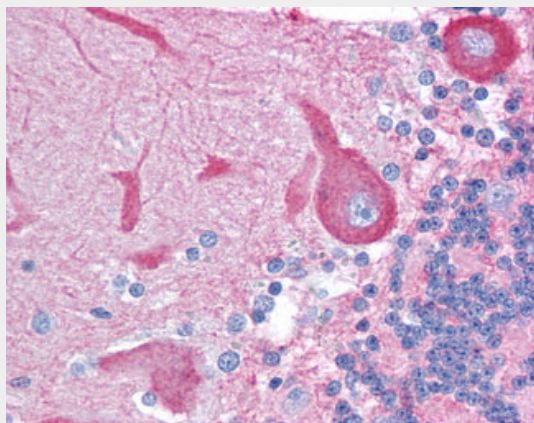
**Volume**  
250  $\mu$ l

### **GRB4 / NCK2 Antibody (aa119-276) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GRB4 / NCK2 Antibody (aa119-276) - Images**



Anti-NCK2 antibody IHC of human brain, cerebellum.

### **GRB4 / NCK2 Antibody (aa119-276) - Background**

Adapter protein which associates with tyrosine- phosphorylated growth factor receptors or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1. Plays a role in ELK1- dependent transcriptional activation in response to activated Ras signaling.

### **GRB4 / NCK2 Antibody (aa119-276) - References**

- Chen M.,et al.J. Biol. Chem. 273:25171-25178(1998).  
Tu Y.,et al.Mol. Biol. Cell 9:3367-3382(1998).  
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