

## GRB7 antibody

### Product Information

Catalog No.:	FNab03643
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Adapter protein that interacts with the cytoplasmic domain of numerous receptor kinases and modulates down-stream signaling. Promotes activation of down-stream protein kinases, including STAT3, AKT1, MAPK1 and/or MAPK3. Promotes activation of HRAS. Plays a role in signal transduction in response to EGF. Plays a role in the regulation of cell proliferation and cell migration. Plays a role in the assembly and stability of RNA stress granules. Binds to the 5'UTR of target mRNA molecules and represses translation of target mRNA species, when not phosphorylated. Phosphorylation impairs RNA binding and promotes stress granule disassembly during recovery after cellular stress(By similarity).

### Immunogen information

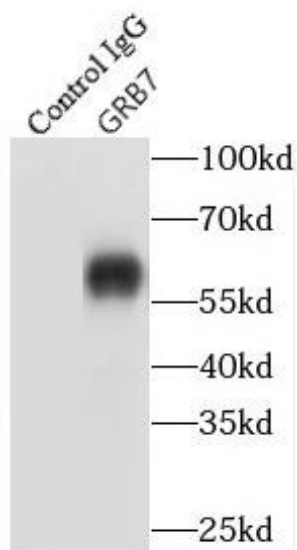
Immunogen:	growth factor receptor-bound protein 7
Synonyms:	Growth factor receptor-bound protein 7 B47 Epidermal growth factor receptor GRB-7 GRB7 adapter protein GRB7
Observed MW:	60-70 kDa
Uniprot ID :	Q14451

### Application

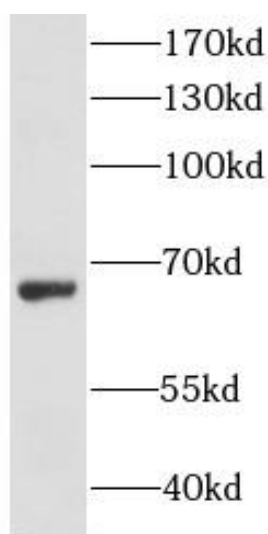
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-GRB7 (IP:FNab03643, 3ug;  
Detection:FNab03643 1:500) with A431 cells  
lysate 3300ug.



A431 cells were subjected to SDS PAGE followed  
by western blot with FNab03643(GRB7 antibody)  
at dilution of 1:1000