



## DAP-5 Polyclonal Antibody

Cat No: HR1AP3253

For research use only

### Overview

Product Name	DAP-5 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	90kDa
GenID?Human?	EIF4G2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	EIF4G2; DAP5; OK/SW-cl.75; Eukaryotic translation initiation factor 4 gamma 2; eIF-4-gamma 2; eIF-4G 2; eIF4G 2; Death-associated protein 5; DAP-5; p97
Background	eukaryotic translation initiation factor 4 gamma 2(EIF4G2) Homo sapiens Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3; eIF4G, in addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-dependent and independent translation, this gene product functions as a general repressor of translation by forming translationally inactive complexes. In vitro and in vivo studies indicate that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq, Jul 2008],