

## 兔抗 EIF4G1 (phospho-Ser1232)多克隆抗体

中文名称：兔抗 EIF4G1 (phospho-Ser1232)多克隆抗体

英文名称：Anti-EIF4G1 (phospho-Ser1232) rabbit polyclonal antibody

别名：P220; EIF4F; EIF4G; EIF4G1; PARK18; EIF-4G1

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：EIF4G1 (phospho-Ser1232)

反应种属：Human

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

eIF4F is a multi-subunit complex, the composition of which varies with external and internal environmental conditions. It is composed of at least EIF4A, EIF4E and EIF4G1/EIF4G3. Interacts with eIF3, mutually exclusive with EIF4A1 or EIFA2, EIF4E and through its N-terminus with PABP C1. Interacts through its C-terminus with the serine/threonine kinases MKNK1, and with MKNK2. Appears to act as a scaffold protein, holding these enzymes in place to phosphorylate EIF4E. Non-phosphorylated EIF4EBP1 competes with EIF4G1/EIF4G3 to interact with EIF4E; insulin stimulated MAP-kinase (MAPK1 and MAPK3) phosphorylation of EIF4EBP1 causes dissociation of the complex allowing EIF4G1/EIF4G3 to bind and consequent initiation of tr

	anslation. EIF4G1/EIF4G3 interacts with PABPC1 to bring about circularization of the mRNA. Rapamycin can attenuate insulin stimulation mediated by FKBP. Interacts with EIF4E3. Interacts with MIF4GD. Interacts with rotavirus A NSP3; in this interaction, NSP3 takes the place of PABPC1 thereby inducing shutoff of host protein synthesis
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	EIF4G1 (phospho-Ser1232)
<b>Immunogen:</b>	Synthetic peptide of human EIF4G1 (phospho-Ser1232)
<b>Full name:</b>	eukaryotic translation initiation factor 4 gamma, 1 (phospho-Ser1232)
<b>Synonyms :</b>	P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1
<b>SwissProt:</b>	G5E9S1
<b>IHC positive control:</b>	Human lung carcinoma
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	220 kDa
<b>WB Positive control:</b>	HT29 cells treated with Anisomycin
<b>WB Recommended dilution:</b>	500-1000



