

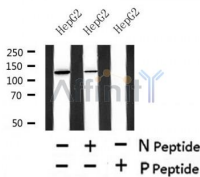
## Phospho-perk (Ser1096) Ab

Cat.#: AF4499  
 Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
 Source: Rabbit

Mol.Wt.: 125kDa  
 Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-perk (S1096) Ab detects endogenous levels of perk only when phosphorylated at S1096.
Immunogen:	A synthesized peptide derived from human perk around the phosphorylation site of S1096.
Uniprot:	Q9NZJ5
Subcellular Location:	Endoplasmic reticulum membrane.
Tissue Specificity:	Ubiquitous. A high level expression is seen in secretory tissues.
Similarity:	The luminal domain senses perturbations in protein folding in the ER, probably through reversible interaction with HSPA5/BIP.Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. GCN2 subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-perk (S1096) in lysates of HepG2 , using Phospho-perk (S1096) Ab(AF4499).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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