

CABP1251

Product Information

Product SKU:	CABP1251	Gene ID:	5610	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	68kDa/	Conjugate:	Unconjugated
Calculated MW:	62kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. The encoded protein plays an important role in the innate immune response against multiple DNA and RNA viruses.

Recommended Dilution: WB,1:1000 - 1:5000 IF/ICC,1:50 - 1:200

Synonyms: PKR; PRKR; DYT33; LEUDEN; EIF2AK1; PPP1R83; Phospho-PKR/EIF2AK2-T446

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around T446 of human PKR/EIF2AK2 (NP_002750.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.