Recombinant PKR Monoclonal Antibody

catalog number: **AN300649L**

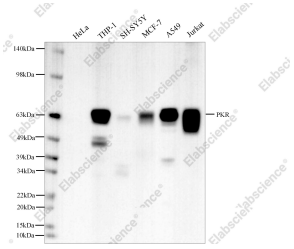
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human PKR protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110273
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:100-1:500
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data



Western blot analysis of HeLa ,THP-1,SH-SY5Y,MCF-7,A549 and Jurkat cell lysates using PKR Antibody (AN300649L) at a dilution of 1:3000.

Observed-MW:62 kDa

Calculated-MW:62 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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. Three transcript variants encoding two different isoforms have been found for this gene.

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