

RIPK2 (Phospho Ser176) Antibody

Catalog No :	YP1223
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA;IHC
Target :	RIPK2
Fields :	>>NOD-like receptor signaling pathway;>>Neurotrophin signaling pathway;>>Shigellosis;>>Salmonella infection;>>Tuberculosis
Gene Name :	RIPK2 CARDIAK RICK RIP2 UNQ277/PRO314/PRO34092
Protein Name :	Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (CARD-containing interleukin-1 beta-converting enzyme-associated kinase) (CARD-containing IL-1 beta ICE-kinase) (RIP-like-interacti
Human Gene Id :	8767
Human Swiss Prot No :	O43353
Mouse Gene Id :	192656
Mouse Swiss Prot No :	P58801
Immunogen :	Synthesized phospho derived from human RIPK2 (Phospho-Ser176)
Specificity :	This detects endogenous levels of RIPK2 (Phospho-Ser176)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 61kD

Cell Pathway : NOD-like receptor;Neurotrophin;

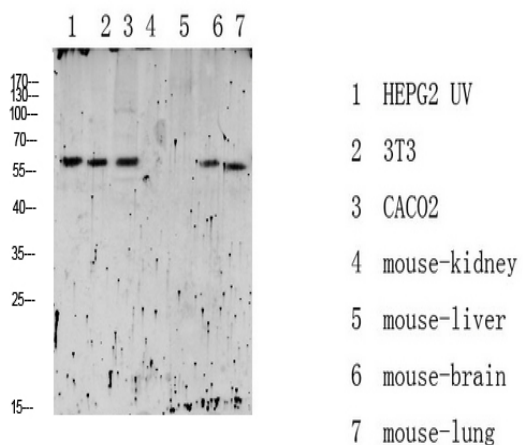
Background : This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli. [provided by RefSeq, Jul 2008],

Function : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Activates pro-caspase-1 and pro-caspase-8. Potentiates CASP8-mediated apoptosis. Activates NF-kappa-B.,PTM:Autophosphorylated. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.,similarity:Contains 1 CARD domain.,similarity:Contains 1 protein kinase domain.,subunit:Binds to CFLAR/CLARP and CASP1 via their CARD domains. Binds to BIRC3/c-IAP1 and BIRC2/c-IAP2, TRAF1, TRAF2, TRAF5 and TRAF6. May be a component of both the TNFRSF1A and TNFRSF5/CD40 receptor complex.,tissue specificity:Detected in heart, brain, placenta, lung, peripheral blood leukocytes, spleen, kidney, testis, prostate, pancreas and lymph node.,

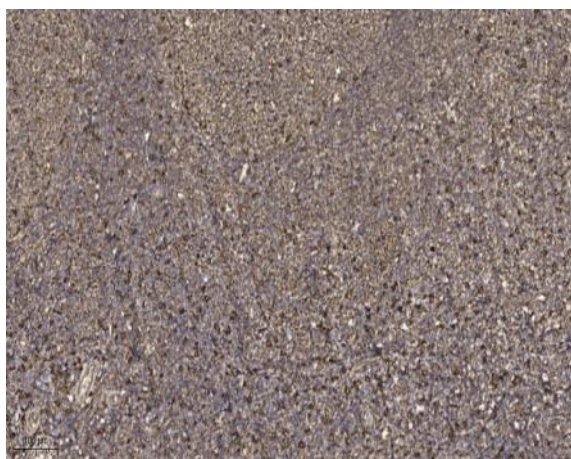
Subcellular Location : Cytoplasm .

Expression : Detected in heart, brain, placenta, lung, peripheral blood leukocytes, spleen, kidney, testis, prostate, pancreas and lymph node.

Products Images



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).