

# Anti-Phospho-DDR1 (Tyr792) Rabbit pAb

Purified Rabbit Polyclonal Antibody

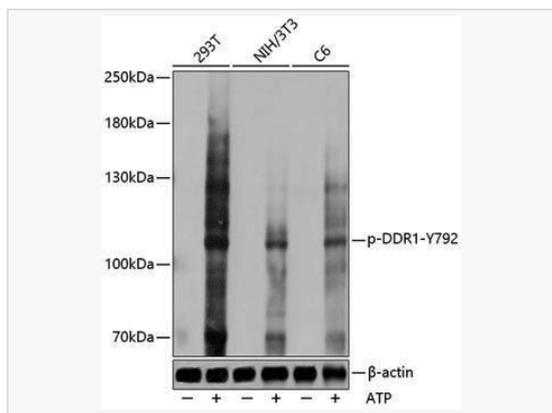
Catalog # P108948

## Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around Y792 of human DDR1 (NP_054699.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-DDR1 (Tyr792) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	CAK; DDR; NEP; HGK2; PTK3; RTK6; TRKE; CD167; EDDR1; MCK10; NTRK4; PTK3A; Phospho-DDR1-Y792.
Calculated MW	Calculated MW: 101 kDa; Observed MW: 125 kDa
Uniprot ID	Q08345
Gene ID	780
Background	Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.



Western blot analysis of various lysates using Phospho-DDR1-Y792 Rabbit pAb (P108948) at 1:1,000 dilution. 293T cells were treated by ATP(5 mM) at 30°C for 1 hour. NIH/3T3 cells were treated by ATP(5 mM) at 30°C for 1 hour. C6 cells were treated by ATP(5 mM) at 30°C for 1 hour.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Kit (SQ201).

Exposure time: 1s.