

## DDR1 (Phospho Tyr796) rabbit pAb

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YP1606  |
| <b>Reactivity :</b>          | Human;Mouse;Rat   |
| <b>Applications :</b>        | WB;ELISA  |
| <b>Target :</b>              | DDR1  |
| <b>Gene Name :</b>           | DDR1 CAK EDDR1 NEP NTRK4 PTK3A RTK6 TRKE  |
| <b>Protein Name :</b>        | DDR1 (Phospho Tyr796)   |
| <b>Human Gene Id :</b>       | 780   |
| <b>Human Swiss Prot No :</b> | Q08345  |
| <b>Mouse Gene Id :</b>       | 12305   |
| <b>Mouse Swiss Prot No :</b> | Q03146  |
| <b>Rat Swiss Prot No :</b>   | Q63474  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human DDR1 (Phospho Tyr796)  |
| <b>Specificity :</b>         | This antibody detects endogenous levels of Human,Mouse,Rat DDR1 (Phospho Tyr796)                          |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:1000-2000 ELISA 1:5000-20000   |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |

---

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

---

**Observed Band :** 100kD

---

**Background :** catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,domain:The Gly/Pro-rich domains may be required for an unusual geometry of interaction with ligand or substrates.,function:May be involved in cell-cell interactions and recognition.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.,similarity:Contains 1 F5/8 type C domain.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed at low levels in most adult tissues and is highest in the brain and lung. Abundant in breast carcinoma cell lines.,

---

**Function :** regulation of cell growth, regulation of cell-matrix adhesion, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, cell adhesion, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, sensory organ development, female pregnancy, embryo implantation, negative regulation of cell proliferation, response to organic substance, regulation of cell-substrate adhesion, phosphorylation, peptidyl-tyrosine phosphorylation, peptidyl-tyrosine modification, biological adhesion, regulation of cell adhesion, mammary gland development, regulation of growth, regulation of cell proliferation, ear development, gland development, response to protein stimulus,

---

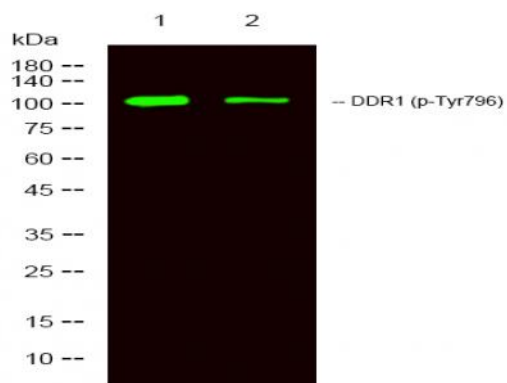
**Subcellular Location :** [Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Cell membrane; Single-pass type I membrane protein.; [Isoform 3]: Secreted .; [Isoform 4]: Cell membrane; Single-pass type I membrane protein.

---

**Expression :** Detected in T-47D, MDA-MB-175 and HBL-100 breast carcinoma cells, A-431 epidermoid carcinoma cells, SW48 and SNU-C2B colon carcinoma cells and Hs 294T melanoma cells (at protein level). Expressed at low levels in most adult tissues and is highest in the brain, lung, placenta and kidney. Lower levels of expression are detected in melanocytes, heart, liver, skeletal muscle and pancreas. Abundant in breast carcinoma cell lines. In the colonic mucosa, expressed in epithelia but not in the connective tissue of the lamina propria. In the thyroid gland, expressed in the epithelium of the thyroid follicles. In pancreas, expressed in the islets of Langerhans cells, but not in the surrounding epithelial cells of the exocrine pancreas. In kidney, expressed in the epithelia of the distal tubules. Not

---

## Products Images



Western Blot analysis of 1 HeLa, 2 treated with LPS 100ng/mL 20min, using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000