

DDR1 (Phospho Tyr792) Rabbit pAb

CatalogNo: YP1313 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 100kD (Observed)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human DDR1 (Tyr792)

Specificity This antibody detects endogenous levels of Human DDR1 (phospho-Tyr792)

Target Information

Gene name DDR1 CAK EDDR1 NEP NTRK4 PTK3A RTK6 TRKE

Protein Name DDR1 (Tyr792)

Organism	Gene ID	UniProt ID
Human	780 ;	Q08345 ;
Mouse	12305 ;	Q03146 ;
Rat		Q63474 ;

Cellular Localization

[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.

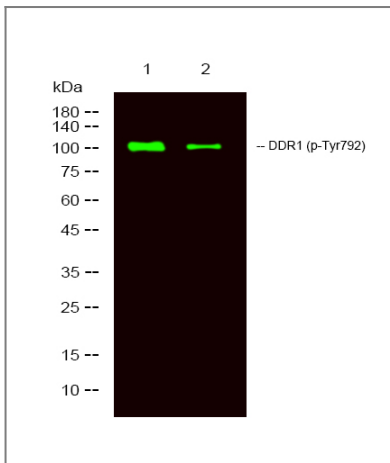
Tissue specificity

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 expressed in connective tissue , endothelial cells , adipose tissue , muscle cells or cells of hematopoietic origin.

Function

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. ,

Validation Data



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

| Contact information

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DDR1 (Phospho Tyr792) Rabbit pAb

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