## Phospho-DDR1 (Tyr520) Ab

Cat.#: AF7361 Concn.: 1mg/ml Mol.Wt.: 101kDa.
Size: 50ul,100ul,200ul Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000

Reactivity: Human, Mouse, Rat

Purification: The Ab is from purified rabbit serum by affinity purification

via sequential chromatography on phospho- and non-

phospho-peptide affinity columns.

Specificity: Phospho-DDR1 (Tyr520) Ab detects endogenous levels of

DDR1 only when phosphorylated at Tyr520

Immunogen: A synthesized peptide derived from human DDR1 around the

phosphorylation site of Tyr520

Uniprot: Q08345

Subcellular Location: Secreted and Membrane.

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.

Similarity: The Gly/Pro-rich domains may be required for an unusual

geometry of interaction with ligand or substrates. Belongs to the protein kinase superfamily. Tyr protein kinase family.

Insulin receptor subfamily.

Storage Condition and

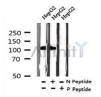
Buffer:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20

°C.Stable for 12 months from date of receipt



## Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com



Western blot analysis of Phospho-DDR1 (Tyr520) in lysates of HepG2, using Phospho-DDR1 (Tyr520) Ab(AF7361).

IMPORTANT: For western blot, incubate membrane with diluted Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at  $4^{\circ}$ C with gentle shaking, overnight.

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