



DDR1 (Phospho-Tyr513) Antibody

E11-8240A

Catalog Number: E11-8240A

Concentration: 1mg/ml

Swiss-Prot No.: Q08345

Other Names: CAK; CD167a antigen; Cell adhesion kinase; Discoidin receptor tyrosine kinase; EC 2.7.1.112; EC 2.7.10.1; EDDR1; Epithelial discoidin domain receptor 1 precursor; HGK2; Protein-tyrosine kinase RTK 6; RTK6; TRK E; TRKE; Tyrosine kinase DDR; Tyrosine- protein kinase CAK

All Sites: Human: Tyr513; Mouse: Tyr511; Rat: Tyr510

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human DDR1 around the phosphorylation site of tyrosine 513 (P-A-Y^P-R-L).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: DDR1 (Phospho-Tyr513) antibody detects endogenous levels of DDR1 only when phosphorylated at tyrosine 513.

Reactivity: Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 100%, Positives = 100%);

Rat (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100

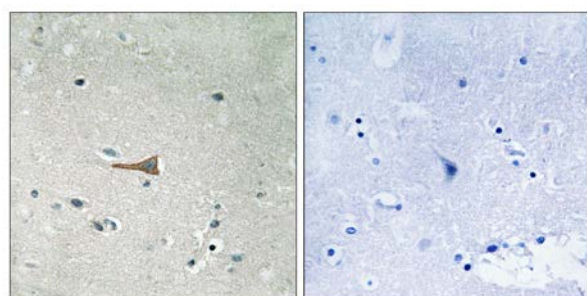
ELISA: 1:10000

References:

di Marco E., J. Biol. Chem. 268:24290-24295(1993).

Johnson J.D., Proc. Natl. Acad. Sci. U.S.A. 90:5677-5681(1993).

Laval S., Cell Growth Differ. 5:1173-1183(1994).

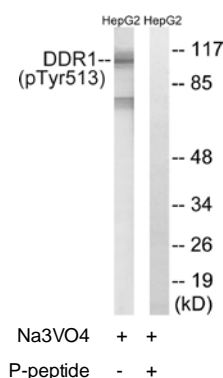


P-peptide

-

+

Immunohistochemistry analysis of paraffin-embedded human brain tissue using DDR1 (Phospho-Tyr513) antibody.



Western blot analysis of extracts from HepG2 cells, treated with Na3VO4 (0.3mM, 40mins), using DDR1 (Phospho-Tyr513) antibody.

For Research Use Only