ELK Biotechnology

DDR1 (Phospho Tyr796) rabbit pAb

Cat No.:ES20188

For research use only

Overview

Product Name	DDR1 (Phospho Tyr796) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human DDR1 (Phospho Tyr796)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat DDR1 (Phospho Tyr796)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DDR1 (Phospho Tyr796)
Gene Name	DDR1 CAK EDDR1 NEP NTRK4 PTK3A RTK6 TRKE
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	780
Human Swiss-Prot Number	Q08345
Alternative Names	Epithelial discoidin domain-containing receptor 1 (Epithelial discoidin domain receptor 1;EC 2.7.10.1;CD167 antigen-like family member A;Cell adhesion kinase;Discoidin receptor tyrosine kinase;HGK2;Mammary carcinoma kinase 10;MCK-10;Protein-tyrosine kinas

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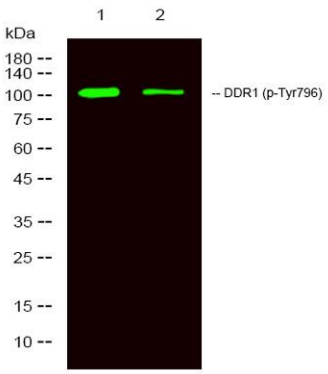
Background

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.,



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

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