

DDR1 antibody

Cat No.: ES8907

For research use only

Overview

Product Name DDR1 antibody

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000, ELISA 1:10000-20000

ImmunogenSynthesized peptide derived from human DDR1SpecificityThis antibody detects endogenous levels of DDR1

antibody

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 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

Gene NameDDR1 CAK EDDR1 NEP NTRK4 PTK3A RTK6 TRKECellular 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 130kD
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)



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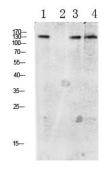


Background

(HGK2) (Mammary carcinoma kinase 10) (MCK-10) (Protei

Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011],

Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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- 2 HEPG2 UV
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