

Rabbit Ddr1 Polyclonal Antibody | anti-Ddr1 antibody

Mouse Ddr1 Antibody (Center)

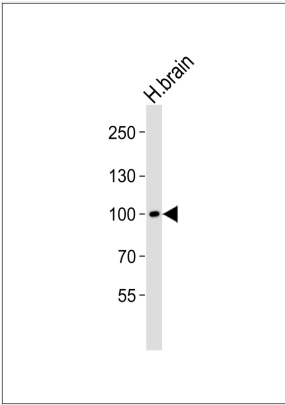
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290105	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

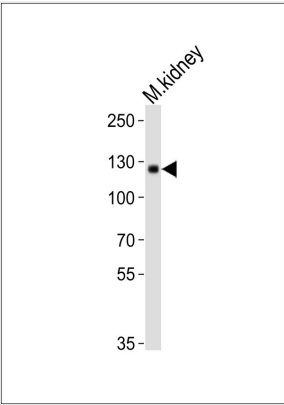
Ddr1; Polyclonal Antibody; Mouse Ddr1 Antibody (Center); Epithelial discoidin domain-containing receptor 1; Epithelial discoidin domain receptor 1; CD167 antigen-like family member A; Cell adhesion kinase; Discoidin receptor tyrosine kinase; Protein-tyrosine kinase MPK-6; Tyrosine kinase DDR; Tyrosine-protein kinase CAK; CD167a; Cak; Eddr1; Mpk6; anti-Ddr1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Ddr1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 396-430 amino acids from the Central region of human Mouse Ddr1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	874
Applicable Applications for anti-Ddr1 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysate from human brain tissue lysate, using Mouse Ddr1 Antibody (Center). AAA290105 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)
Western blot analysis of lysate from mouse kidney tissue lysate, using Mouse Ddr1 Antibody (Center). AAA290105 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-Ddr1 antibody	Tyrosine kinase that functions as cell surface receptor for fibrillar collagen and regulates cell attachment to the extracellular matrix, remodeling of the extracellular matrix, cell migration, differentiation, survival and cell proliferation. Collagen binding triggers a signaling pathway that involves SRC and leads to the activation of MAP kinases. Regulates remodeling of the extracellular matrix by up-regulation of the matrix metalloproteinases MMP2, MMP7 and MMP9, and thereby facilitates cell migration and wound healing, but also tumor cell invasion. Promotes smooth muscle cell migration, and thereby contributes to arterial wound healing. Phosphorylates PTPN11 (By similarity). Required for normal blastocyst implantation during pregnancy, for normal mammary gland differentiation and normal lactation. Required for normal ear morphology and normal hearing.
Product Categories/Family for anti-Ddr1 antibody	Crown Antibodies; Cancer; Cardiovascular; Signal Transduction
References	Perez J.L.,et al.Oncogene 12:1469-1477(1996). Gilardi-Hebenstreit P.,et al.Oncogene 7:2499-2506(1992). Vogel W.F.,et al.Mol. Cell. Biol. 21:2906-2917(2001). Hou G.,et al.Circ. Res. 90:1147-1149(2002). Gross O.,et al.Kidney Int. 66:102-111(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771514
NCBI GeneID	12305
NCBI Accession #	NP_001185760.1
NCBI GenBank Nucleotide #	NM_001198831.1
UniProt Accession #	Q03146
Molecular Weight	101161
NCBI Official Full Name	epithelial discoidin domain-containing receptor 1 isoform 1
NCBI Official Synonym Full Names	discoidin domain receptor family, member 1
NCBI Official Symbol	Ddr1
NCBI Official Synonym Symbols	Cak; Nep; PTK3A; CD167a; AI323681; 6030432F18
NCBI Protein Information	epithelial discoidin domain-containing receptor 1
UniProt Protein Name	Epithelial discoidin domain-containing receptor 1

UniProt Gene Name	Ddr1
UniProt Synonym Gene Names	Cak; Eddr1; Mpk6; Epithelial discoidin domain receptor 1
UniProt Entry Name	DDR1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddr1-antibody-western-blot-elisa/290105>