

Rabbit DDR1 Polyclonal Antibody | anti-DDR1 antibody

Phospho-DDR1 (Tyr513) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321321	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

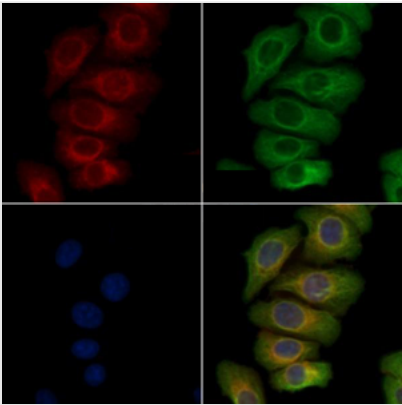
PRODUCT SYNONYMS

DDR1; Polyclonal Antibody; Phospho-DDR1 (Tyr513) Antibody; CAK; CD 167; CD167; CD167 antigen-like family member A; CD167a; Cell adhesion kinase; DDR 1; DDR; DDR1_HUMAN; Discoidin domain receptor; Discoidin domain receptor tyrosine kinase 1; Discoidin receptor tyrosine kinase; Discoidin receptor tyrosine kinase isoform a; EDDR 1; EDDR1; Epithelial discoidin domain receptor 1; Epithelial discoidin domain-containing receptor 1; Epithelial specific receptor kinase; HGK2; Mammarian carcinoma kinase 10; Mammary carcinoma kinase 10; MCK-10; MCK10; NEP; Neuroepithelial tyrosine kinase; Neurotrophic tyrosine kinase receptor type 4; NTRK 4; NTRK4; OTTHUMP00000029343; OTTHUMP00000029344; OTTHUMP00000029345; OTTHUMP00000029346; OTTHUMP00000029347; OTTHUMP00000164863; OTTHUMP00000164867; OTTHUMP00000222080; Protein-tyrosine kinase 3A; Protein-tyrosine kinase RTK-6; PTK 3; PTK 3A protein tyrosine kinase 3A; PTK3; PTK3A; Receptor tyrosine kinase NEP; RTK 6; RTK6; TRK E; TRKE; Tyrosine kinase DDR; Tyrosine kinase receptor E; Tyrosine-protein kinase CAK; anti-DDR1 antibody

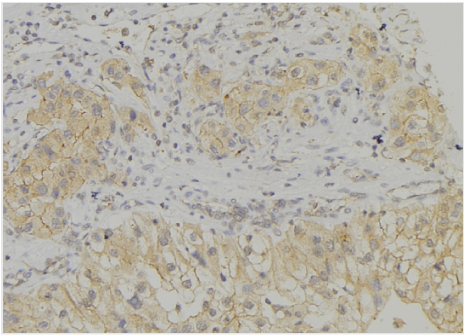
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-DDR1 (Tyr513) antibody detects endogenous levels of DDR1.
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	508
Applicable Applications for anti-DDR1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DDR1 around the phosphorylation site of Tyr513
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

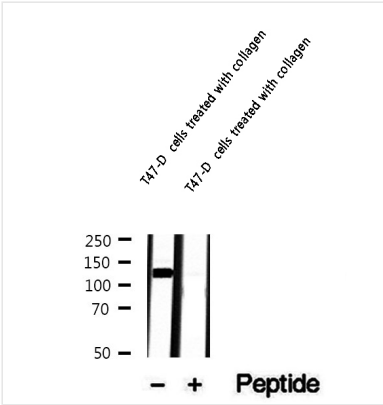
IMAGES



IF (Immunofluorescence)
AAA321321 staining Heat-shock treated Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)
AAA321321 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of T47-D cells treated with collagen, using Phospho-DDR1 (Tyr513) Antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	321400059
NCBI GeneID	780
NCBI Accession #	NP_001189450.1
NCBI GenBank Nucleotide #	NM_001202521.1
UniProt Accession #	Q08345; Q14196; Q16562; Q2L6H3; Q4LE50; Q5ST11; Q5ST12; Q6NSK4; Q9UD35; B5A975; B5A976; B7Z2K0
Molecular Weight	125 kDa
NCBI Official Full Name	epithelial discoidin domain-containing receptor 1 isoform 4
NCBI Official Synonym Full Names	discoidin domain receptor tyrosine kinase 1
NCBI Official Symbol	DDR1
NCBI Official Synonym Symbols	CAK; DDR; NEP; HGK2; PTK3; RTK6; TRKE; CD167; EDDR1; MCK10; NTRK4; PTK3A
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; NEP; NTRK4; PTK3A; RTK6; TRKE; Epithelial discoidin domain receptor 1; MCK-10

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321321>