

Rabbit anti-Human TYRO10 Polyclonal Antibody | anti-DDR2 antibody

TYRO10 Antibody

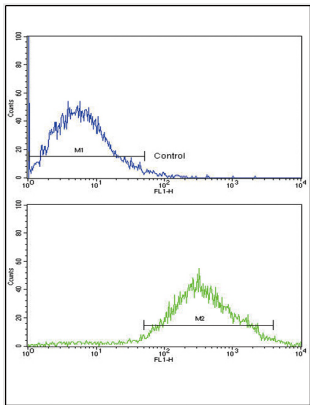
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287197	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

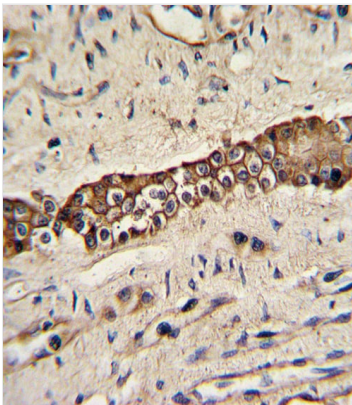
TYRO10; Polyclonal Antibody; TYRO10 Antibody; Discoidin domain-containing receptor 2; Discoidin domain receptor 2; CD167 antigen-like family member B; Discoidin domain-containing receptor tyrosine kinase 2; Neurotrophic tyrosine kinase; receptor-related 3; Receptor protein-tyrosine kinase TKT; Tyrosine-protein kinase TYRO10; CD167b; DDR2; NTRKR3; TKT; anti-DDR2 antibody

PRODUCT SPECIFICATIONS

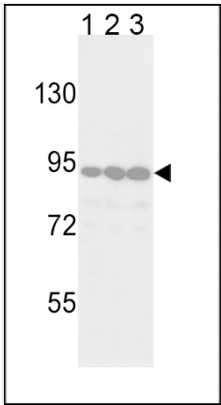
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TYRO10 antibody is generated from rabbits immunized with a his tag recombinant protein of human TYRO10.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Length	855
Applicable Applications for anti-DDR2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
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.



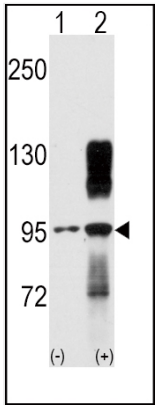
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of jurkat cells using TYRO10 Antibody(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human normal lung with TYRO10 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TYRO10 Antibody in Jurkat(lane 1), 293(lane 2) and HeLa(lane 3) cell line lysates (35ug/lane). TYRO10 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of TYRO10 (arrow) using rabbit polyclonal TYRO10 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the DDR2 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-DDR2 antibody	Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their microenvironment. These molecules are involved in the regulation of cell growth, differentiation and metabolism. In several cases the biochemical mechanism by which RTKs transduce signals across the membrane has been shown to be ligand induced receptor oligomerization and subsequent intracellular phosphorylation. This autophosphorylation leads to phosphorylation of cytosolic targets as well as association with other molecules, which are involved in pleiotropic effects of signal transduction. RTKs have a tripartite structure with extracellular, transmembrane and cytoplasmic regions. There are several subclasses of RTKs and TYRO10 belongs to a novel subclass. The deduced amino acid sequence of TYRO10 has a unique extracellular region encompassing a factor VIII-like domain, not previously described for RTKs.
Product Categories/Family for anti-DDR2 antibody	Cardiovascular; Neuroscience
References	Vogel, W., et al., Mol. Cell 1(1):13-23 (1997). Edelhoff, S., et al., Genomics 25(1):309-311 (1995). Karn, T., et al., Oncogene 8(12):3433-3440 (1993). Abedinia, M., et al., Biochem. Biophys. Res. Commun. 183(3):1159-1166 (1992). Lapsys, N.M., et al., Cytogenet. Cell Genet. 61(4):274-275 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420886
NCBI GeneID	4921
NCBI Accession #	NP_001014796.1; NP_006173.2
NCBI GenBank Nucleotide #	NM_001014796.1
UniProt Accession #	Q16832; Q7Z730
Molecular Weight	96736
NCBI Official Full Name	discoidin domain-containing receptor 2
NCBI Official Synonym Full Names	discoidin domain receptor tyrosine kinase 2
NCBI Official Symbol	DDR2
NCBI Official Synonym Symbols	TKT; MIG20a; NTRKR3; TYRO10
NCBI Protein Information	discoidin domain-containing receptor 2
UniProt Protein Name	Discoidin domain-containing receptor 2
UniProt Gene Name	DDR2
UniProt Synonym Gene Names	NTRKR3; TKT; TYRO10; Discoidin domain receptor 2
UniProt Entry Name	DDR2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tyro10-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287197>