

Datasheet for ABIN392069

anti-DDR2 antibody**4** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	DDR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This TYR010 antibody is generated from rabbits immunized with a his tag recombinant protein of human TYR010.
Clone:	RB17713
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	DDR2
Alternative Name:	TYR010 (DDR2 Products)
Background:	Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their

Target Details

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.

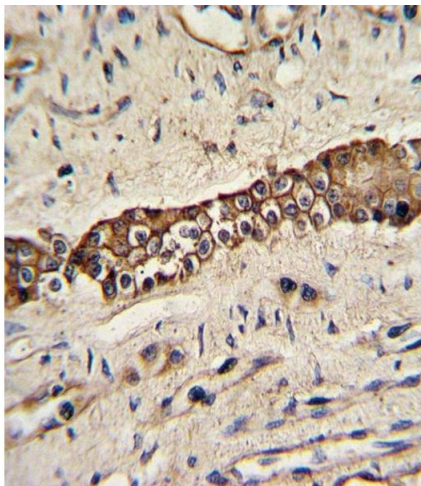
Molecular Weight:	96736
Gene ID:	4921
NCBI Accession:	NP_001014796 , NP_006173
UniProt:	Q16832
Pathways:	RTK Signaling

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

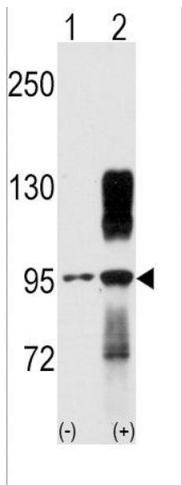
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



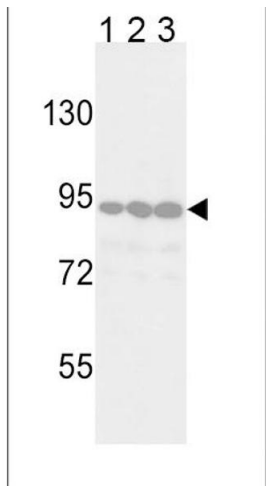
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. Western blot analysis of TYRO10 (arrow) using rabbit polyclonal TYRO10 Antibody (ABIN392069 and ABIN2841832). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the DDR2 gene (Lane 2) (Origene Technologies).



Western Blotting

Image 3. Western blot analysis of TYRO10 Antibody (ABIN392069 and ABIN2841832) in Jurkat(lane 1), 293(lane 2) and HeLa(lane 3) cell line lysates (35 µg/lane). TYRO10 (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN392069.