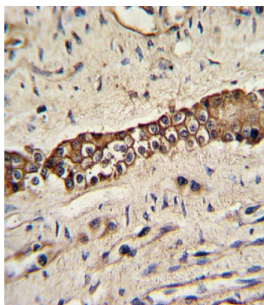
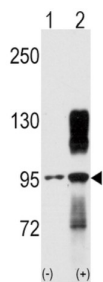


## Tyrosine-Protein Kinase TYRO10 (TYRO10) Antibody

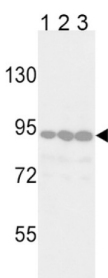
Catalogue No.: abx033621



IHC analysis of formalin-fixed and paraffin-embedded human normal lung with TYRO10 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



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).



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

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.

**Target:** Tyrosine-Protein Kinase TYRO10 (TYRO10)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC, FCM

# Datasheet

Version: 3.0.0  
Revision date: 18 Mar 2025



<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/1000, IHC-P: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	His-tagged recombinant human TYRO10.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q16832 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>NCBI Accession:</b>	NP_001014796.1, NP_006173.2
<b>KEGG:</b>	hsa:4921
<b>String:</b>	<a href="#">9606.ENSP00000356899</a>
<b>Molecular Weight:</b>	Calculated MW: 96.7 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.