

Datasheet for ABIN392068  
**anti-DDR2 antibody (AA 290-320)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	DDR2
Binding Specificity:	AA 290-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This DDR2 (TYRO10) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 290-320 amino acids from human DDR2 (TYRO10).
Clone:	RB01473
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:	DDR2 (TYRO10) ( <a href="#">DDR2 Products</a> )
Background:	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

## Target Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

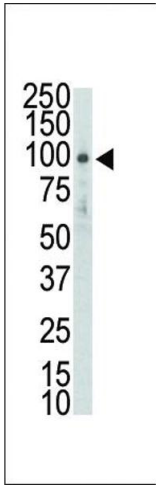
Preservative: Sodium azide

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



Western Blotting

**Image 1.** Western blot analysis of DDR2 (TYR010) Antibody ap7689a in HL-60 lysate. DDR2 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.