

Datasheet for ABIN3030740
anti-DDR2 antibody (AA 290-320)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	DDR2
Binding Specificity:	AA 290-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 290-320 from the human protein was used as the immunogen for this DDR2 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	DDR2
Alternative Name:	DDR2 (DDR2 Products)
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 and metabolism. In several cases the biochemical mechanism by which RTKs transduce

Target Details

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.

UniProt: [Q16832](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Titration of the DDR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

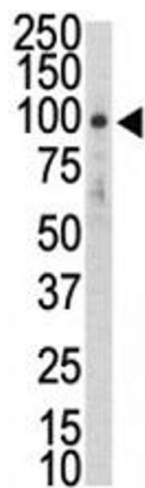
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

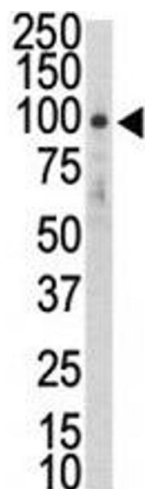
Storage: -20 °C

Storage Comment: Aliquot the DDR2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of DDR2 antibody and HL-60 lysate. Predicted molecular weight: 97-116 kDa.



Western Blotting

Image 2. Western blot analysis of DDR2 antibody and HL-60 lysate. Predicted molecular weight: 97-116 kDa.