

Datasheet for ABIN6139471
anti-DDR1 antibody (AA 290-420)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DDR1
Binding Specificity:	AA 290-420
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 290-420 of human DDR1 (NP_054700.2).
Sequence:	MHTLGARLPG GVECFRRGP AMAWEGEPMR HNLGGNLGDP RARAVSVPLG GRVARFLQCR FLFAGPWLLF SEISFISDVV NNSSPALGGT FPPAPWWPPG PPPTNFSSLE LEPRGQQPVA KAEGSPTAIL I
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

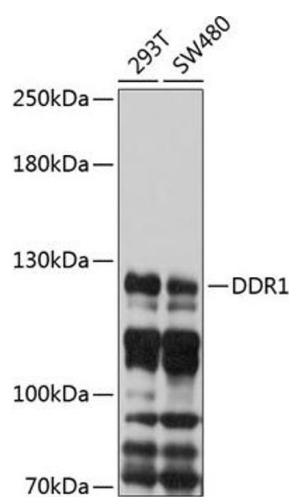
Target:	DDR1
Alternative Name:	DDR1 (DDR1 Products)
Background:	Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.,CAK,CD167,DDR,EDDR1,HGK2,MCK10,NEP,NTRK4,PTK3,PTK3A,RTK6,TRKE,DDR1,Cancer,Signal Transduction,Kinase,Tyrosine kinases,Immunology & Inflammation,CD markers,Neuroscience,Cardiovascular,Heart,Cardiogenesis,DDR1
Molecular Weight:	27 kDa/97 kDa/99 kDa/101 kDa
Gene ID:	780
UniProt:	Q08345
Pathways:	RTK Signaling , Smooth Muscle Cell Migration

Application Details

Application Notes:	WB,1:1000 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DDR1 antibody (ABIN6131016, ABIN6139471, ABIN6139472 and ABIN6214760) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.