Datasheet for ABIN2469359

anti-DDR1 antibody (N-Term)

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Overview

Quantity:	0.05 mg
Target:	DDR1
Binding Specificity:	N-Term
Reactivity:	Human, Monkey, Chimpanzee, Gibbon, Gorilla
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	DDR1 antibody was raised against a peptide located in the N-Terminal region of DDR1 (Human).
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	DDR1
Alternative Name:	DDR1 (DDR1 Products)
Background:	DDR1 is a DDR/TKT type protein kinase. DDR1 is activated by various types of collagen, including types I through IV. Binding of collagen to DDR1 protein results in autophosphorylation and a delayed but sustained tyrosine kinase activation. DDR1 may function in cell-to-cell

Target Details

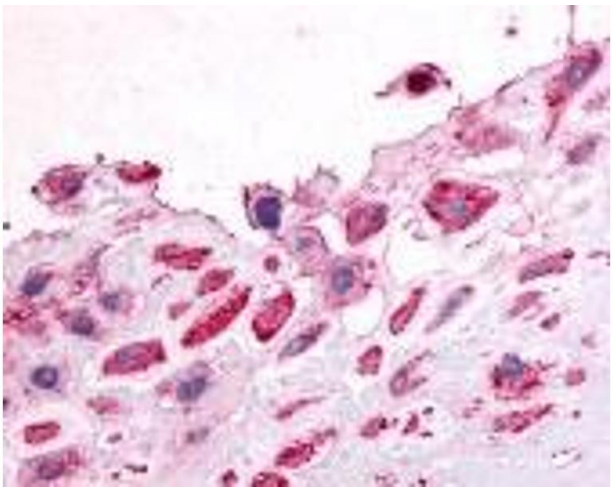
	interaction or recognition. At least three mRNA variants, resulting in different protein isoforms of 875, 913 and 919 amino acids, have been reported. DDR1 protein has been shown to be over expressed in human breast, ovarian, esophageal and pediatric brain tumors.
Gene ID:	780
UniProt:	Q08345
Pathways:	RTK Signaling, Smooth Muscle Cell Migration

Application Details

Application Notes:	DDR1 antibody can be used in ELISA, Western Blot, and immunohistochemistry starting at 20 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, 0.1 % 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.
Handling Advice:	As with all antibodies avoid freeze/thaw cycles.
Storage:	4 °C/-80 °C
Storage Comment:	DDR1 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C.



Immunohistochemistry

Image 1.