

Datasheet for ABIN2626009
anti-DDR1 antibody (AA 898-913)



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Overview

Quantity:	100 µg
Target:	DDR1
Binding Specificity:	AA 898-913
Reactivity:	Human, Monkey, Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human MCK10(898-913aa FSQLHRFLAEDALNTV), different from the related rat sequence by one amino acid, and from the related mouse sequence by two amino acids.
Isotype:	IgG
Specificity:	Detected in T-47D, MDA-MB-175 and HBL-100 breast carcinoma cells, A-431 epidermoid carcinoma cells, SW48 and SNU-C2B colon carcinoma cells and Hs 294T melanoma cells (at protein level). Expressed at low levels in most adult tissues and is highest in the brain, lung, placenta and kidney. Lower levels of expression are detected in melanocytes, heart, liver, skeletal muscle and pancreas. Abundant in breast carcinoma cell lines. In the colonic mucosa, expressed in epithelia but not in the connective tissue of the lamina propria. In the thyroid gland, expressed in the epithelium of the thyroid follicles. In pancreas, expressed in the islets of Langerhans cells, but not in the surrounding epithelial cells of the exocrine pancreas. In kidney,

Product Details

	expressed in the epithelia of the distal tubules. Not expressed in connective tissue, endothelial cells, adipose tissue, muscle cells or cells of hematopoietic origin. .
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	DDR1
Alternative Name:	NEP / DDR1 (DDR1 Products)
Background:	Name/Gene ID: DDR1 Subfamily: DDR/TKT Family: Protein Kinase Synonyms: DDR1, Cell adhesion kinase, CD167, CD167a antigen, EDDR1, ENTRK4, Mammary carcinoma kinase 10, MCK10, NEP, PTK3, PTK3A, RTK6, Tyrosine-protein kinase CAK, CAK, DDR, Discoidin domain receptor 1, HGK2, MCK-10, NTRK4, Protein-tyrosine kinase 3A, Protein-tyrosine kinase RTK-6, TRK E, TRKE, Tyrosine kinase DDR
Gene ID:	780
Pathways:	RTK Signaling , Smooth Muscle Cell Migration

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.

Handling

Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.