

Datasheet for ABIN2619972
anti-DDR2 antibody (AA 834-855)



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Overview

Quantity:	100 µg
Target:	DDR2
Binding Specificity:	AA 834-855
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human DDR2(834-855aa RDTKNRPSFQEIHLLLLQGGDE), different from the related mouse sequence by three amino acids.
Isotype:	IgG
Specificity:	Detected in osteocytes, osteoblastic cells in subchondral bone, bone lining cells, tibia and cartilage (at protein level). Detected at high levels in heart and lung, and at low levels in brain, placenta, liver, skeletal muscle, pancreas, and kidney. .
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	DDR2
Alternative Name:	DDR2 (DDR2 Products)
Background:	Name/Gene ID: DDR2 Subfamily: DDR/TKT Family: Protein Kinase Synonyms: DDR2, CD167b antigen, Discoidin domain receptor 2, Hydroxyaryl-protein kinase, MIG20a, Tyrosine-protein kinase TYRO10, NTRKR3, TYRO10, Tyrosylprotein kinase
Gene ID:	4921
Pathways:	RTK Signaling

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 Na2 HPO4, 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
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.