

Datasheet for ABIN927409
anti-DUSP12 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DUSP12
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	DUSP12 antibody was raised in rabbit using the N terminal of DUSP12 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine)
Purification:	Purified

Target Details

Target:	DUSP12
Alternative Name:	DUSP12 (DUSP12 Products)
Background:	DUSP12 is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is

Target Details

associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. Synonyms: Polyclonal DUSP12 antibody, Anti-DUSP12 antibody, dual specificity phosphatase 12 antibody, DUSP1 antibody, YVH1 antibody.

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: WB: 0.2-1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: DUSP12 Blocking Peptide, catalog no. 33R-9489, is also available for use as a blocking control in assays to test for specificity of this DUSP12 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

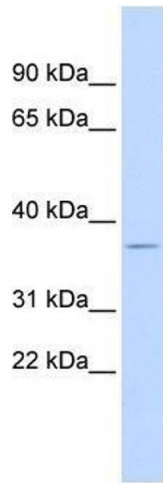
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. Western Blot showing DUSP12 antibody used at a concentration of 1-2 ug/ml to detect its target protein.