

Datasheet for ABIN2468007
anti-DUSP6 antibody (AA 135-280)



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1 Image

Overview

Quantity:	0.05 mg
Target:	DUSP6
Binding Specificity:	AA 135-280
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This DUSP6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purification:	Immunoaffinity Purified
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Target Details

Target:	DUSP6
Alternative Name:	DUSP6 (DUSP6 Products)
Background:	The protein encoded by this gene 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 are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases,

Target Details

different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This protein product inactivates ERK2, is expressed in a variety of tissues with the highest levels in heart and pancreas, and unlike most other members of this family, is localized in the cytoplasm.

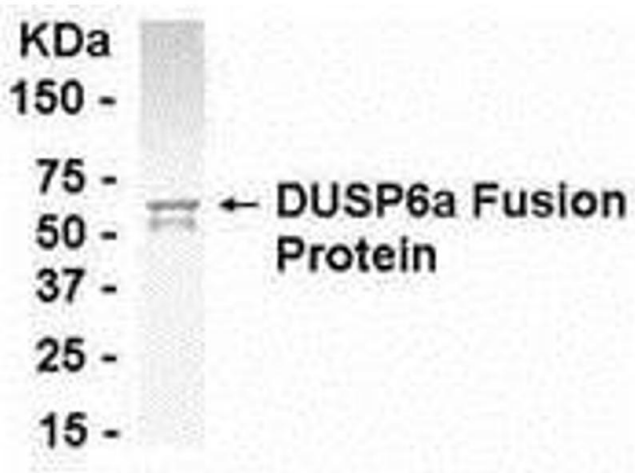
Molecular Weight:	15.1 kDa (calculated)
Gene ID:	1848
NCBI Accession:	NP_001937
UniProt:	Q16828
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Dual specificity phosphatase 6 antibody can be used for the detection of Dual specificity phosphatase 6 by Western Blot.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline. No preservatives added.
Preservative:	Without preservative
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	4 °C/-20 °C
Storage Comment:	DUSP6 antibody can be stored at 4 °C for short term (weeks). Long term storage should be at -20 °C.



Western Blotting

Image 1.