ARG63192
anti-DUSP8 / HVH5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DUSP8 / HVH5
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow
Tested Application	WB
Specificity	This antibody is also expected to recognise the hypothetical human protein similar to dual specificity phosphatase 8 (XM_114902), which is virtually identical.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DUSP8 / HVH5
Species	Human
Immunogen	AGDRLPRKVMDAK-C
Conjugation	Un-conjugated
Alternate Names	EC 3.1.3.48; EC 3.1.3.16; HVH-5; HB5; HVH8; Dual specificity protein phosphatase hVH-5; C11orf81; Dual specificity protein phosphatase 8

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

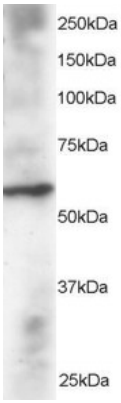
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 18218 Mouse GeneID: 1850 Human Swiss-port # O09112 Mouse Swiss-port # Q13202 Human
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 is 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. This gene product inactivates SAPK/JNK and p38, is expressed predominantly in the adult brain, heart, and skeletal muscle, is localized in the cytoplasm, and is induced by nerve growth factor and insulin. An intronless pseudogene for DUSP8 is present on chromosome 10q11.2. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	66 kDa

Images



ARG63192 anti-DUSP8 / HVH5 antibody WB image

Western Blot: Human Heart lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63192 anti-DUSP8 / HVH5 antibody at 2 µg/ml dilution.

ARG63192 anti-DUSP8 / HVH5 antibody WB image

Western blot: 35 µg of Human cerebellum (A), Mouse brain (B) and Rat brain (C) lysates (in RIPA buffer) stained with ARG63192 anti-DUSP8 / HVH5 antibody at 2 µg/ml dilution and incubated at RT for 1 hour.