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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58225_P050-Biotin
Product Page	www.avivasysbio.com/dusp5-antibody-middle-region-biotin-arp58225-p050-biotin.html
Name	DUSP5 Antibody - middle region : Biotin (ARP58225_P050-Biotin)
Protein Size (# AA)	384 amino acids
Molecular Weight	42kDa
Conjugation	Biotin
NCBI Gene Id	1847
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Dual specificity phosphatase 5
Alias Symbols	DUSP, HVH3
Peptide Sequence	Synthetic peptide located within the following region: AGSSLIQHQLTSPDMQAYCTFPASVLAPVPTHSTVSELSRSPVATATS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, is expressed in a variety of tissues with the highest levels in pancreas and brain, and is localized in the nucleus.
Protein Interactions	ELAVL1; UBC; MAPK3; MAPK1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-DUSP5 (ARP58225_P050-Biotin) antibody
Blocking Peptide	For anti-DUSP5 (ARP58225_P050-Biotin) antibody is Catalog# AAP58225 (Previous Catalog# AAPP33190)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DUSP5
Uniprot ID	Q16690
Protein Name	Dual specificity protein phosphatase 5
Protein Accession #	NP_004410
Purification	Affinity Purified
Nucleotide Accession #	NM_004419
Gene Symbol	DUSP5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 92%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 100%; Rabbit: 86%; Rat: 79%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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