

Product Datasheet

DSCAM Antibody

NB100-41390

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-41390

DSCAM Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

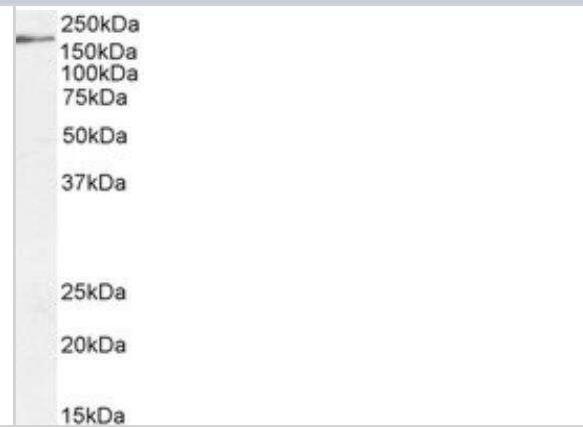
Host	Goat
Gene ID	1826
Gene Symbol	DSCAM
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_001380.2 and NP_996770.1).
Immunogen	Peptide with sequence C-DSWDSAQRTKDVSPQ corresponding to internal region according to NP_996770.1.

Product Application Details

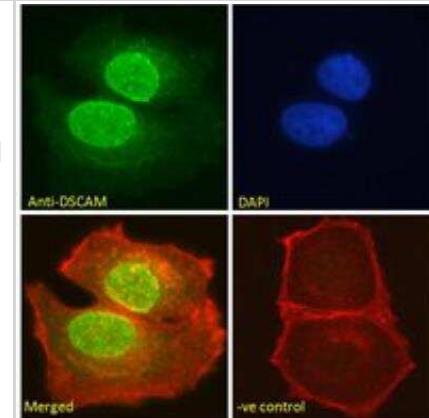
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 2 - 3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 170 kDa band observed in human brain (cerebellum) lysates (calculated MW of 174 kDa band according to NP_996770.1).

Images

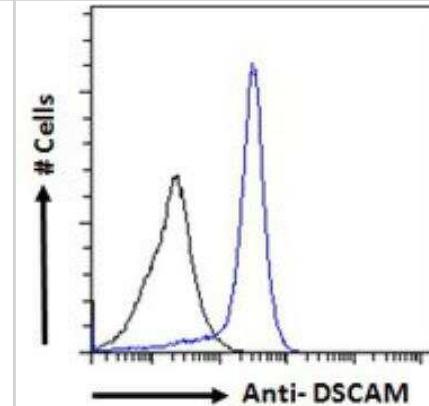
Western Blot: DSCAM Antibody [NB100-41390] - Staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Antibody at 2 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: DSCAM Antibody [NB100-41390] - Analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: DSCAM Antibody [NB100-41390] - Analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Li W, Guan KL. The Down syndrome cell adhesion molecule (DSCAM) interacts with and activates Pak. *J Biol Chem* 2004-07-30 [PMID: 15169762]



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Products Related to NB100-41390

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-30716PEP	DSCAM Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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