

Product Datasheet

NFATC1/NFAT2 Antibody - BSA Free NBP2-57739

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-57739**NFATC1/NFAT2 Antibody - BSA Free****Product Information**

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

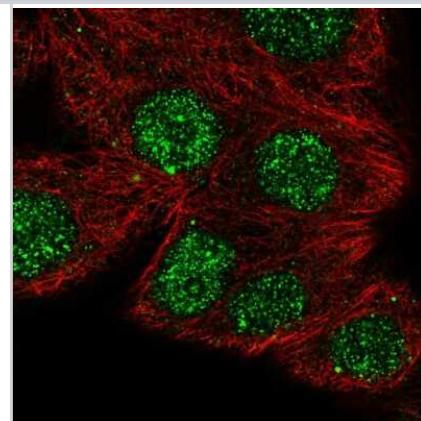
Description	Novus Biologicals Rabbit NFATC1/NFAT2 Antibody - BSA Free (NBP2-57739) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-NFATC1/NFAT2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4772
Gene Symbol	NFATC1
Species	Human, Mouse
Reactivity Notes	Mouse 81%, Rat 84% Use in Mouse reported in secitific publication PMID: 32729236
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GYGAALDGGPAGYFLSSGHTRPDGAPALESPRIEITSCLGLYHNNNQFFHDVE VEDVLPSSKRSPSTATLSLPSLEAYRD

Product Application Details

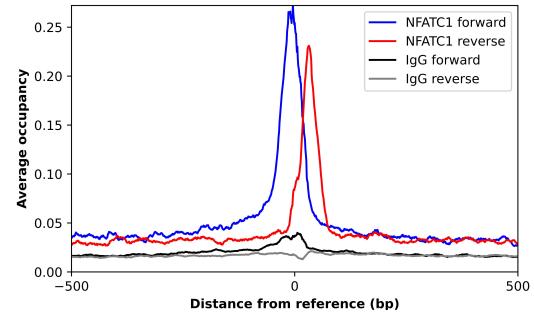
Applications	Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction

Images

Immunocytochemistry/Immunofluorescence: NFATC1/NFAT2 Antibody [NBP2-57739] - Staining of human cell line MCF7 shows localization to nucleoplasm & nuclear bodies.



ChIP-Exo-Seq composite graph for Anti-NFATC1 (NBP2-57739) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Fajardo VA, Watson CJF, Bott KN et al. Neurogranin is expressed in mammalian skeletal muscle and inhibits calcineurin signaling and myoblast fusion American Journal of Physiology-Cell Physiology 2019-11-01 [PMID: 31433693]

Whitley KC, Hamstra SI, Baranowski RW et al. GSK3 inhibition with low dose lithium supplementation augments murine muscle fatigue resistance and specific force production Physiol Rep 2020-07-01 [PMID: 32729236] (WB, Mouse)



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Products Related to NBP2-57739

NBP2-57739PEP	NFATC1/NFAT2 Recombinant Protein Antigen
NL004	Donkey anti-Rabbit IgG Secondary Antibody [NL557]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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