

# 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**

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

**Product Description**

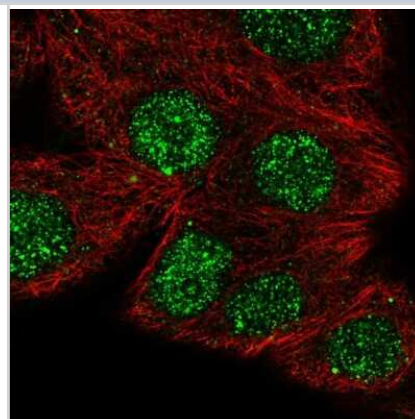
<b>Host</b>	Rabbit
<b>Gene ID</b>	4772
<b>Gene Symbol</b>	NFATC1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse 81%, Rat 84% Use in Mouse reported in secitific publication PMID: 32729236
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: GYGAALDGGPAGYFLSSGHTRPDGAPALESPRIETSCGLGYHNNNQFFHDVE VEDVLPSSKRSPSTATLSLPSLEAYRD

**Product Application Details**

<b>Applications</b>	Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml

**Images**

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



## 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**

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NBP2-57739PEP	NFATC1/NFAT2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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