

Product Datasheet

FEM1C Antibody NB100-784

Unit Size: 0.1 mg

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

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Publications: 7

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NB100-784

FEM1C 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

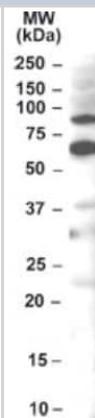
Product Description	
Description	Novus Biologicals Goat FEM1C Antibody (NB100-784) is a polyclonal antibody validated for use in WB and ELISA. Anti-FEM1C Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	56929
Gene Symbol	FEM1C
Species	Mouse, Rat
Immunogen	Peptide with sequence C-HIPEKLETFFVSLHR corresponding to C-Terminus according to NP_064562.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 75 kDa band observed in heart and kidney lysates from mouse and rat (calculated MW of 68.6 kDa band according to mouse NP_775599.1).



Images

Western Blot: FEM1C Antibody [NB100-784] - Analysis of FEM1C in Hela lysate using NB100-784 at 2 ug/ ml.



Western Blot: FEM1C Antibody [NB100-784] - (0.5ug/ml) staining of rat kidney lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Publications

Pritchard KA, Jing X, Teng M et al. Role of endoplasmic reticulum stress in impaired neonatal lung growth and bronchopulmonary dysplasia PloS one 2022-08-26 [PMID: 36018859]

Clift D, McEwan WA, Labzin LI et al. A Method for the Acute and Rapid Degradation of Endogenous Proteins. Cell. 2017-11-13 [PMID: 29153837]

de la Pisa IG, Cebrian C, Ortega JE et al. Cytokine pathway disruption in a mouse model of schizophrenia induced by Munc18-1a overexpression in the brain. J Neuroinflammation 2014-07-29 [PMID: 25069615]

Details:

CD11b antibody used for WB application at 1:1000 dilution in mouse model of schizophrenia induced by Munc18-1a overexpression/OE in the brain (see full text for sample preparation details). Figures 3a and 4a shows the WB of microglia /macrophage marker CD11bas single band of 160 kDa in cerebral cortex and striatum tissues of Munc18-OE and wild-type mice.

Koen YM, Sarma D, Hajovsky H et al. Protein Targets of Thioacetamide Metabolites in Rat Hepatocytes Chem Res Toxicol 2013-03-20 [PMID: 23465048]

Roehlecke C, Schumann U, Ader M et al. Stress Reaction in Outer Segments of Photoreceptors after Blue Light Irradiation. PLoS One. 2013-09-11 [PMID: 24039718]

Teng RJ, Jing X, Michalkiewicz T et al. Attenuation of endoplasmic reticulum stress by caffeine ameliorates hyperoxia-induced lung injury. Am. J. Physiol. Lung Cell Mol. Physiol. 2017-05-01 [PMID: 28213471]

Chan SL, Tan KO, Zhang L et al. F1Aalpha, a death receptor-binding protein homologous to the Caenorhabditis elegans sex-determining protein, FEM-1, is a caspase substrate that mediates apoptosis. J Biol Chem 1999-11-05 [PMID: 10542291]



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Products Related to NB100-784

NB800-PC1	HeLa Whole Cell Lysate
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

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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