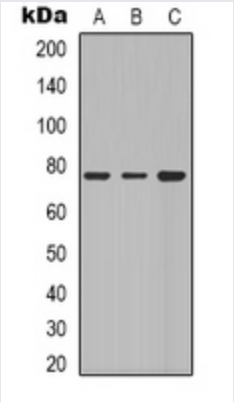
BSX Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BSX, Polyclonal Antibody
Full Product Name	Rabbit anti-BSX Antibody
Product Gene Name	anti-BSX antibody
Product Synonym Names	BSX1; Brain-specific homeobox protein homolog
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	25,933 Da
OMIM	AP003040 Genomic DNA
3D Structure	ModBase 3D Structure for Q3C1V8
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BSX. The exact sequence is proprietary.
Product Categories/Family for anti-BSX antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-BSX antibody	Western Blot (WB)
Application Notes for anti-BSX antibody	WB: 1:500-1:1000
Related Product Information for anti-BSX antibody	MBS4507358 is an antibody targeting BSX. Also known as Rabbit anti-BSX Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-BSX antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-BSX antibody
Western blot analysis of BSX expression in HEK293T (A), SHSY5Y (B), Rat muscle (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BSX. It may not necessarily be applicable to this product.

NCBI GI #	147901462
NCBI GeneID	390259
NCBI Accession #	NP_001091639.1
UniProt Primary Accession #	Q3C1V8
UniProt Secondary Accession #	Q810B3
UniProt Related Accession #	Q3C1V8
GenBank Nucleotide #	NM_001098169.1
NCBI Official Full Name	brain-specific homeobox protein homolog
NCBI Official Synonym Full Names	brain specific homeobox
NCBI Official Symbol	BSX
NCBI Official Synonym Symbols	BSX1
UniProt Protein Name	Brain-specific homeobox protein homolog
Protein Family	Brain-specific homeobox protein
UniProt Gene Name	BSX
UniProt Synonym Gene Names	BSX1
NCBI Protein Information	brain-specific homeobox protein homolog
UniProt Comments for BSX	BSX: DNA binding protein that function as transcriptional activator. Is essentiel for normal postnatal growth and nursing. Is an essential factor for neuronal neuropeptide Y and agouti- related peptide function and locomotory behavior in the control of energy balance. Belongs to the distal-less homeobox family. Chromosomal Location of Human Ortholog: 11q24.1
Research Articles on BSX	**1.** Data suggest that BSX is essential for global cognitive function and that haplo-insufficiency may cause severe mental retardation, and that deletion of Neurogranin
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