

Rabbit anti-Mouse H3f3b Polyclonal Antibody | anti-H3f3a antibody

H3f3b Antibody (C-Term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290559	Rabbit	Mouse	Western Blot

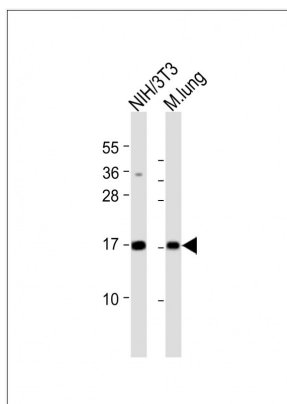
PRODUCT SYNONYMS

H3f3b; Polyclonal Antibody; H3f3b Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); Histone H33; H3f3a; H33a; anti-H3f3a antibody

PRODUCT SPECIFICATIONS

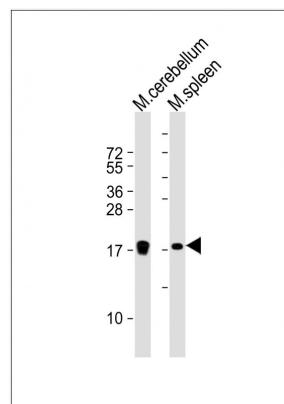
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This H3f3b antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 103-136 amino acids from mouse H3f3b.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	136
Applicable Applications for anti-H3f3a antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-H3f3b Antibody (C-Term) at 1:8000 dilution
Lane 1: NIH/3T3 whole cell lysate
Lane 2: mouse lung lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-H3f3b Antibody (C-Term) at 1:2000 dilution
Lane 1: mouse cerebellum lysate
Lane 2: mouse spleen lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-H3f3a antibody	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Product Categories/Family for anti-H3f3a antibody	Crown Antibodies
References	Hraba-Renevey S.,et al.Nucleic Acids Res. 17:2449-2461(1989). Bramlage B.,et al.Differentiation 62:13-20(1997). Lopez-Alanon D.M.,et al.DNA Cell Biol. 16:639-644(1997). Carninci P.,et al.Science 309:1559-1563(2005). Mancini P.,et al.J. Mol. Evol. 59:458-463(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680159
NCBI GeneID	15078
NCBI Accession #	NP_032236.1
NCBI GenBank Nucleotide #	NM_008210.5
UniProt Accession #	P84244; P06351; P33155; Q3TW79; Q3U6D6; Q569U8; Q5HZY8; Q6TXQ5; Q8VDJ2; Q9D0H3; Q9V3W4
Molecular Weight	15328
NCBI Official Full Name	histone H3.3
NCBI Official Synonym Full Names	H3 histone, family 3A
NCBI Official Symbol	H3f3a
NCBI Official Synonym Symbols	H3.3A
NCBI Protein Information	histone H3.3
UniProt Protein Name	Histone H3.3
UniProt Gene Name	H3f3a
UniProt Synonym Gene Names	H3.3a
UniProt Entry Name	H33_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.