

Rabbit H3F3A Polyclonal Antibody | anti-H3F3A antibody

Anti-H3F3A Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254355	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Western Blot

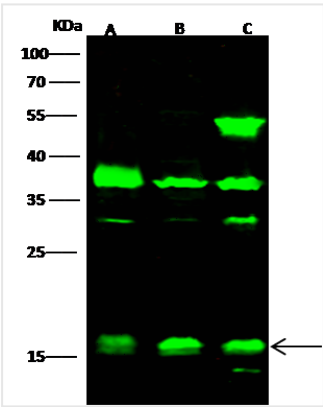
PRODUCT SYNONYMS

H3F3A; Polyclonal Antibody; Anti-H3F3A Antibody; Rabbit Polyclonal; H3F3A Antibody; Rabbit PAb; Antigen Affinity Purified; H3 histone; family 3A; Anti-H3.3A Antibody; Anti-H3F3 Antibody; anti-H3F3A antibody

PRODUCT SPECIFICATIONS

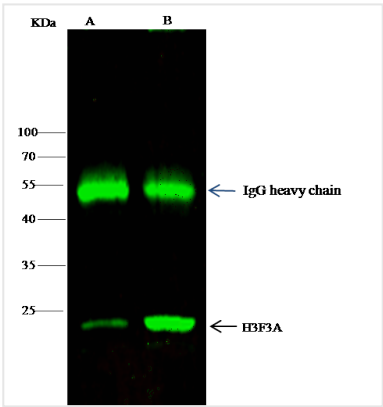
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human H3F3A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-H3F3A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the human H3F3A
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the human H3F3A, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-H3F3A rabbit polyclonal antibody at 1:500 dilution
Lane A: Hela Whole Cell Lysate
Lane B: Jurkat Whole Cell Lysate
Lane C: A431 Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 15 kDa
Observed band size: 16 kDa
(We are unsure as to the identity of these extra bands.)



IP (Immunoprecipitation)

H3F3A was immunoprecipitated using:
Lane A: 0.5 mg Jurkat Whole Cell Lysate
Lane B: 0.5 mg K562 Whole Cell Lysate
2 uL anti-H3F3A rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose.
Primary antibody: Anti-H3F3A rabbit polyclonal antibody, at 1:100 dilution
Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 15 kDa
Observed band size: 15 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-H3F3A antibody	H3-3A (H3.3 Histone A, also known as H3F3A, H3F3, H3-3B, and H3.3A) is a Protein Coding gene. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family. H3F3A constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. H3F3A is widely expressed in bone marrow, appendix, and other tissues. Diseases associated with H3-3A include Glioma Susceptibility 1 and Chondroblastoma. A mutation in the H3 histone family member 3A gene (H3F3A) was recently identified as a genetic signature for giant cell tumor of bone (GCTB).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504279
NCBI GeneID	3020
NCBI Accession #	NP_002098.1
NCBI GenBank Nucleotide #	NM_002107.4
UniProt Accession #	P84243; P06351; P33155; Q5VV55; Q5VV56; Q66I33; Q9V3W4
Molecular Weight	15,328 Da
NCBI Official Full Name	histone H3.3
NCBI Official Synonym Full Names	H3 histone, family 3A
NCBI Official Symbol	H3F3A
NCBI Official Synonym Symbols	H3F3; H3.3A
NCBI Protein Information	histone H3.3
UniProt Protein Name	Histone H3.3
UniProt Gene Name	H3F3A
UniProt Synonym Gene Names	H3.3A; H3F3
UniProt Entry Name	H33_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/h3f3a-antibody-immunoprecipitation-western-blot-elisa/254355>