

Rabbit anti-Human, Mouse HMGB3 Polyclonal Antibody | anti-HMGB3 antibody

HMGB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302428	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

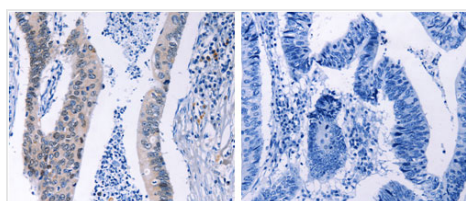
PRODUCT SYNONYMS

HMGB3; Polyclonal Antibody; HMGB3 Antibody; high mobility group box 3; HMG4; HMG-4; HMG2A; HMG-2a; anti-HMGB3 antibody

PRODUCT SPECIFICATIONS

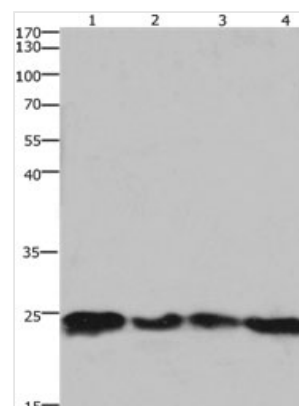
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HMGB3 protein.
Form/Format	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	200
Applicable Applications for anti-HMGB3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 164-178 amino acids of Human high mobility group box 3
Target Name	HMGB3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 31220 (HMGB3 Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE
Lane1: 293T cell lysate
Lane2: Hela cell lysate
Lane3: Mouse lung tissue lysate
Lane4: Mouse brain tissue lysate
Lysates: 30ug per lane
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 1.5 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB3 antibody	High-mobility group protein B3 is a protein that in humans is encoded by the HMGB3 gene. HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 and HMG2, HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription.
Product Categories/Family for anti-HMGB3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	71143137
NCBI GeneID	3149
NCBI Accession #	NP_005333
NCBI GenBank Nucleotide #	NM_005342.3
Molecular Weight	22,980 Da
NCBI Official Full Name	high mobility group protein B3 isoform a
NCBI Official Synonym Full Names	high mobility group box 3
NCBI Official Symbol	HMGB3
NCBI Official Synonym Symbols	HMG4; HMG-4; HMG2A; HMG-2a
NCBI Protein Information	high mobility group protein B3
UniProt Protein Name	High mobility group protein B3
UniProt Gene Name	HMGB3
UniProt Synonym Gene Names	HMG2A; HMG4; HMG-2a; HMG-4
UniProt Entry Name	HMGB3_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/hmgb3-antibody-immunohistochemistry-western-blot-elisa/302428>