

Rabbit anti-Human High Mobility Group Protein 20B Polyclonal Antibody | anti-HMG20B antibody

Polyclonal Antibody to High Mobility Group Protein 20B (HMG20B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145683	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

High Mobility Group Protein 20B; Polyclonal Antibody; Polyclonal Antibody to High Mobility Group Protein 20B (HMG20B); BRAF35; HMGX2; SMARCE1r; SOXL; Sox-like transcriptional factor; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related; anti-HMG20B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against HMG20B. It has been selected for its ability to recognize HMG20B in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	319
Applicable Applications for anti-HMG20B antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	HMG20B (Val27~Phe213)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant HMG20B (Val27~Phe213) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: HMG20B knockout Jurkat cell lysate; Predicted MW: 25~36kd Observed MW: 40kd Primary Ab: 1ug/ml Rabbit Anti-Human HMG20B Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on fromalin fixed paraffin- embedded stomach tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human HMG20B Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-HMG20B antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83715964
NCBI GeneID	10362
NCBI Accession #	NP_006330.2
NCBI GenBank Nucleotide #	NM_006339.2
UniProt Accession #	Q9P0W2; Q6IBP8; Q8NBD5; Q9HD21; Q9Y491; Q9Y4A2; A6NMS5; D6W616
Molecular Weight	32,939 Da
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related
NCBI Official Synonym Full Names	high mobility group 20B
NCBI Official Symbol	HMG20B
NCBI Official Synonym Symbols	SOXL; HMGX2; BRAF25; BRAF35; HMGXB2; PP7706; pp8857; SMARCE1r
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related
UniProt Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related
UniProt Gene Name	HMG20B
UniProt Synonym Gene Names	BRAF35; HMGX2; HMGXB2; SMARCE1R; SMARCE1-related protein

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.