

Rabbit HMGA2 Polyclonal Antibody | anti-HMGA2 antibody

HMGA2 Polyclonal Antibody

CATALOG # AAA36901	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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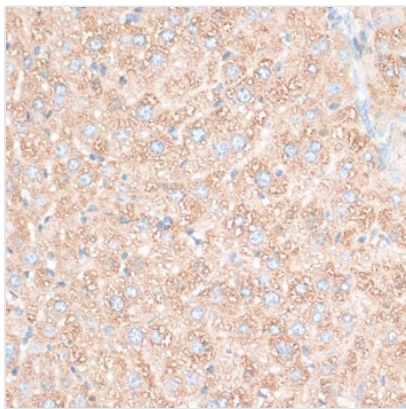
PRODUCT SYNONYMS

HMGA2; Polyclonal Antibody; HMGA2 Polyclonal Antibody; BABL; LIPO; HMGIC; HMGI-C; STQTL9; anti-HMGA2 antibody

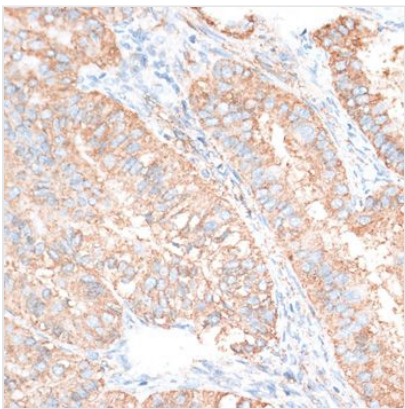
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	109
Applicable Applications for anti-HMGA2 antibody	WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human HMGA2
Calculated Molecular Weight	12kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

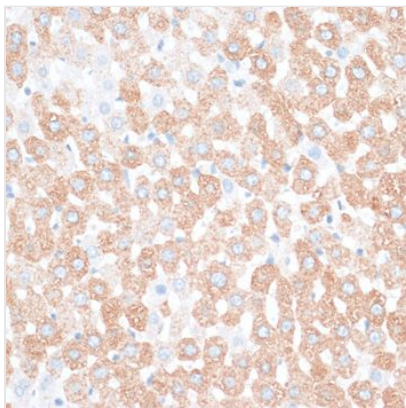
IMAGES



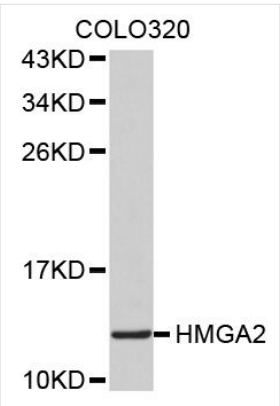
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse liver using HMGA2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human endometrial cancer using HMGA2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat liver using HMGA2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of COLO320 cells, using HMGA2 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGA2 antibody	This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancosome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion, amplification, and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-HMGA2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708263
NCBI GeneID	8091
UniProt Accession #	P52926; Q1M182; Q1M185; Q1M186; Q1M187; Q1M188; E7EP85; E7EWA2
Molecular Weight	109
NCBI Official Full Name	High mobility group protein HMGI-C
NCBI Official Synonym Full Names	high mobility group AT-hook 2

NCBI Official Symbol	HMGA2
NCBI Official Synonym Symbols	BABL; LIPO; HMGIC; HMGI-C; STQTL9
NCBI Protein Information	high mobility group protein HMGI-C; High-mobility group protein HMGI-C; high-mobility group (nonhistone chromosomal) protein isoform I-C
UniProt Protein Name	High mobility group protein HMGI-C
UniProt Gene Name	HMGA2
UniProt Synonym Gene Names	HMGIC
UniProt Entry Name	HMGA2_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/hmga2-antibody-western-blot-elisa/36901>