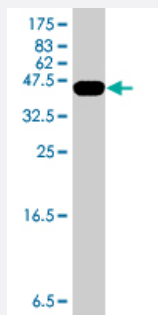


HMGA2 polyclonal antibody (A01)

Catalog # H00008091-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.23 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HMGA2.
Immunogen	HMGA2 (NP_003474, 1 a.a. ~ 92 a.a) partial recombinant protein with GST tag.
Sequence	MSARGEAGAGQPSTSAQGQPAAPAPQKRGRGRPRKQQQEPTGEPSPKRPRGRPKGSKNKSPS KAAQKKAETGEKRPRGRPRKWPQQVVQKKP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.23 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HMGA2

Entrez GeneID [8091](#)

GeneBank Accession# [NM_003483](#)

Protein Accession# [NP_003474](#)

Gene Name HMGA2

Gene Alias BABL, HMGI-C, HMGIC, LIPO, STQTL9

Gene Description high mobility group AT-hook 2

Omim ID [151900 600698](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations High-mobility group protein HMGI-C|high-mobility group (nonhistone chromosomal) protein isoform I-C

Publication Reference

- [High mobility group A2 is a target for miRNA-98 in head and neck squamous cell carcinoma.](#)

Hebert C, Norris K, Scheper MA, Nikitakis N, Sauk JJ.

Molecular Cancer 2007 Jan; 6:5.

Application: WB, Human, SCC-4, SCC-9, SCC-10B cells

Disease

- [Brain Neoplasms](#)
- [Cardiovascular Diseases](#)
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- [Edema](#)
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