ARG65035
anti-HMGA2 / HMGI-C antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HMGA2 / HMGI-C
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_003474.1; NP_003475.1) and is not expected to cross-react with HMGA1.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HMGA2 / HMGI-C
Species	Human
Immunogen	C-KAAQKKAEATGEK
Conjugation	Un-conjugated
Alternate Names	HMGIC; BABL; LIPO; HMGI-C; High mobility group AT-hook protein 2; STQTL9; High mobility group protein HMGI-C

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 8091 Human Swiss-port # P52926 Human
Background	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 enhancesome. 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, Jul 2008]
Research Area	Cancer antibody; Developmental Biology antibody; Gene Regulation antibody; Metabolism antibody; Neuroscience antibody
Calculated Mw	12 kDa
PTM	Regulated by cell cycle-dependent phosphorylation which alters its DNA binding affinity. Phosphorylated by NEK2 (By similarity).

Images

ARG65035 anti-HMGA2 / HMGI-C antibody WB image

Western blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG65035 anti-HMGA2 / HMGI-C antibody at 1 µg/ml dilution.