

**Product Name: HMGA2 Rabbit Monoclonal Antibody****Catalog #: AMRe86428**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,FC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC/IF 1:200-1:500,FC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:12 kDa; Observed MW:18 kDa

**Antigen Information**

<b>Gene Name</b>	HMGA2
<b>Alternative Names</b>	BABL; LIPO; HMGIC; HMGI-C; STQTL9
<b>Gene ID</b>	8091
<b>SwissProt ID</b>	P52926
<b>Immunogen</b>	A synthetic peptide of human HMGA2

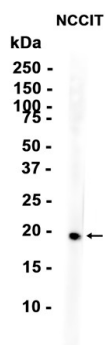
**Background**

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 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, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from NCCIT cells using HMGA2 Rabbit Monoclonal Antibody at 1:1000.