

HMGA2 antibody

Catalog No: #22874

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	HMGA2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 93 of Human HMGA2
Target Name	HMGA2
Other Names	BABL; HMGI-C; HMGIC; LIPO; STQTL9
Accession No.	Swiss-Prot:P52926Gene ID:8091
Uniprot	P52926
GeneID	8091;
Concentration	0.1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

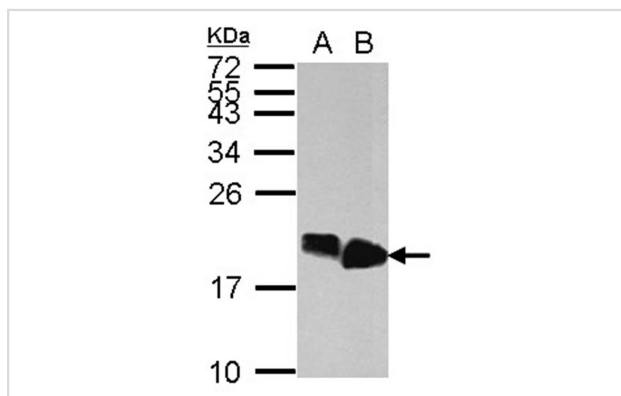
Application Details

Predicted MW: 12kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:50-1:500

Images



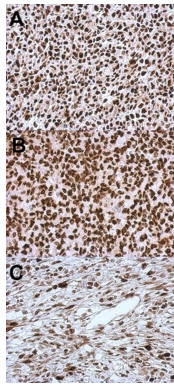
Sample (30 ug of whole cell lysate)

A: HepG2

B: HCT116

15% SDS PAGE

Primary antibody diluted at 1: 10000



A:Immunohistochemical analysis of paraffin-embedded RT2 xenograft, using HMGA2 antibody at 1: 500 dilution.

B:Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using HMGA2 antibody at 1: 500 dilution.

C:Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, using HMGA2 antibody at 1: 500 dilution.

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]

Note: This product is for in vitro research use only