



[Go to Product page](#)

Datasheet for ABIN7340441
anti-HMGA2 antibody

1 Image

Overview

Quantity:	50 µL
Target:	HMGA2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of Human HMGA2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	HMGA2
Alternative Name:	HMGA2 (HMGA2 Products)
Background:	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,

Target Details

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. Aliases: HMGA 2 antibody, BABL antibody, High mobility group (nonhistone chromosomal) protein isoform I C antibody, High mobility group (nonhistone chromosomal) protein isoform IC antibody, High Mobility Group AT hook 2 antibody, High Mobility Group AT hook protein 2 antibody, High mobility group AT-hook protein 2 antibody, High mobility group protein HMGI C antibody, High mobility group protein HMGI-C antibody, High mobility group protein HMGIC antibody, High mobility group protein I, isoform C antibody, HMGA2 antibody, HMGA2_HUMAN antibody, HMGI C antibody, HMGIC antibody, LIPO antibody, Non histone chromosomal architectural protein HMGI C antibody, Non histone chromosomal architectural protein HMGIC antibody, Pygmy antibody, STQTL9 antibody

UniProt: [P52926](#)

Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: ELISA:1:1000-1:5000, WB:1:500-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Gel: 12+15 % SDS-PAGE, Lysate: 40 µg, Lane: Human colon cancer tissue, Primary antibody: (HMGA2 Antibody) at dilution 1/550, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes