

HMGA2 Polyclonal Antibody

Catalog Number PA1-37871

Product data sheet

Details		Species Reactivity	
Size	1 mL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution * 1:50
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic peptide from C-terminus of human HMGA2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-Specific		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.6, with 1% BSA		
Contains	<0.1% sodium azide		
Storage Conditions	4° C, do not freeze		

Product specific information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is lung carcinoma.

Background/Target Information

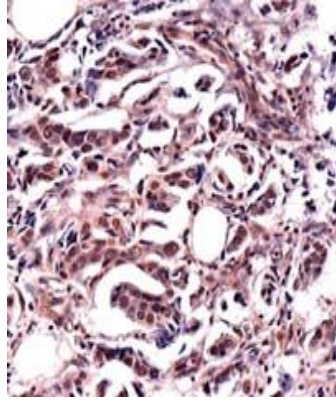
This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancosome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating 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.

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HMGA2 Antibody (PA1-37871) in IHC

Immunohistochemical analysis of HMGA2 using a polyclonal antibody (Product # PA1-37871).

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