

Product Data Sheet

Anti-HMGA2 Antibody

Catalog #	Source	Reactivity	Applications
CQA4689	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to HMGA2		
Immunogen	KLH-conjugated synthetic peptide of human HMGA2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of HMGA2 protein		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	HMGA2		
Alternative Names	HMGI-C; High mobility group protein HMGI-C; High mobility group AT-hook protein 2		
Entrez Gene	8091 (Human); 15364 (Mouse)		
SwissProt	P52926 (Human); P52927 (Mouse)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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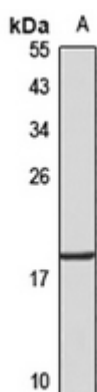
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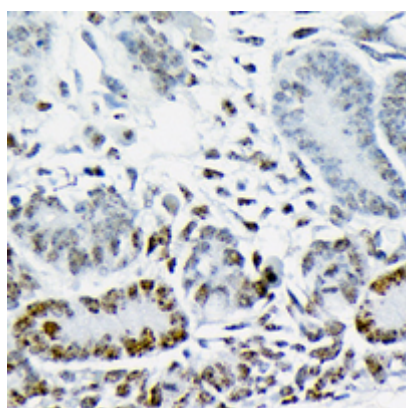
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Western blot analysis of HMGA2 expression in COLO320 (A) whole cell lysates. (Predicted band size: 9; 10; 11 kD; Observed band size: 18 kD)



Immunohistochemical analysis of HMGA2 staining in mouse embryos formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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