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Anti-HMGN2 (Phospho-S29) Antibody

Catalog # AP61166

Product Information

Application	WB, IHC
Primary Accession	P05204
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9393

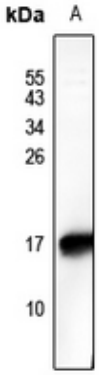
Additional Information

Gene ID	3151
Other Names	HMG17; Non-histone chromosomal protein HMG-17; High mobility group nucleosome-binding domain-containing protein 2
Target/Specificity	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S29 of human HMGN2 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

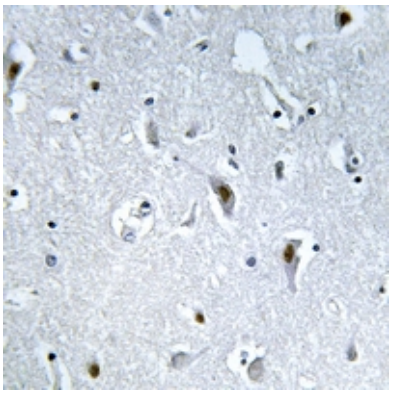
Protein Information

Name	HMGN2
Synonyms	HMG17
Function	Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in a unique chromatin conformation (By similarity).
Cellular Location	Nucleus. Cytoplasm. Note=Cytoplasmic enrichment upon phosphorylation

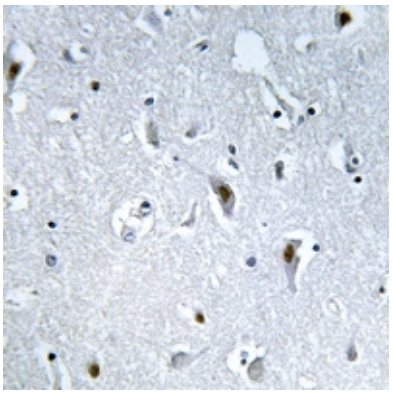
Images



Western blot analysis of HMGN2 (Phospho-S29) expression in rat lung (A) whole cell lysates. (Predicted band size: 9 kD; Observed band size: 17 kD)



Immunohistochemical analysis of HMGN2 (Phospho-S29) staining in human brain 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.



Immunohistochemical analysis of HMGN2 (pS29) staining in human brain 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.