

DATASHEET

HMGN2 (Phospho-S29) Rabbit Polyclonal Antibody

CAT. NO. APA11048

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | HMGN2 (Phospho-S29) | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat, Bovine, Chicken, Dog, Pig | Clonality | Polyclonal |
| Applications | WB, IHC | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|-----|----------------|
| WB | 1:500 - 1:1000 |
| IHC | 1:50 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

| | |
|-------------------|--|
| Description | Rabbit polyclonal antibody to HMGN2 (Phospho-S29) |
| Specificity | Recognizes endogenous levels of HMGN2 protein only when phosphorylated at S29. |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S29 of human HMGN2 protein. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 9 kD; Observed: 17 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | HMG17; Non-histone chromosomal protein HMG-17; High mobility group nucleosome-binding domain-containing protein 2 |
| Gene Symbol | HMGN2 |
| Entrez Gene | 3151(Human); 15331(Mouse) |
| SwissProt | P05204(Human); P09602(Mouse); P18437(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

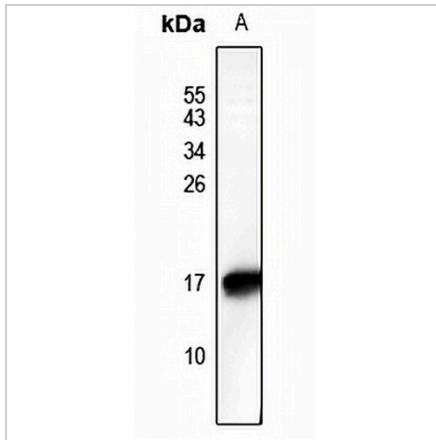
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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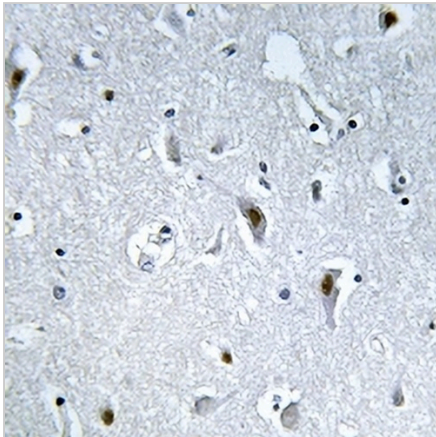
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DATA



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.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.