

Anti-HMGN2 (pS29) Antibody

Rabbit polyclonal antibody to HMGN2 (pS29) Catalog # AP61166

Specification

Anti-HMGN2 (pS29) Antibody - Product Information

Application WB, IHC
Primary Accession P05204
Other Accession P09602

Reactivity Human, Mouse, Rat, Pig, Chicken, Bovine,

Dog Rabbit Polyclonal

Calculated MW 9393

Anti-HMGN2 (pS29) Antibody - Additional Information

Gene ID 3151

Host

Clonality

Other Names

HMG17; Non-histone chromosomal protein HMG-17; High mobility group nucleosome-binding domain-containing protein 2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HMGN2 (pS29). The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200) IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-HMGN2 (pS29) Antibody - 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

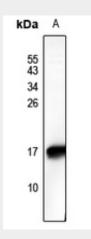
Nucleus. Cytoplasm. Note=Cytoplasmic enrichment upon phosphorylation

Anti-HMGN2 (pS29) Antibody - Protocols

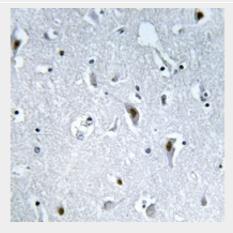
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-HMGN2 (pS29) Antibody - Images



Western blot analysis of HMGN2 (pS29) expression in rat lung (A) whole cell lysates.



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.

Anti-HMGN2 (pS29) Antibody - Background





KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HMGN2 (pS29). The exact sequence is proprietary.