

HMG-17 (phospho Ser29) rabbit pAb

Cat No.: ES5745

For research use only

Overview

Product Name HMG-17 (phospho Ser29) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human HMG17 around the phosphorylation site of Ser29. AA range:1-50

Specificity Phospho-HMG-17 (S29) Polyclonal Antibody detects

endogenous levels of HMG-17 protein only when

phosphorylated at S29.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Non-histone chromosomal protein HMG-17

Gene Name HMGN2

Cellular localization Nucleus . Cytoplasm . Cytoplasmic enrichment upon

phosphorylation.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 3151 Human Swiss-Prot Number P05204

Alternative Names HMGN2; HMG17; Non-histone chromosomal protein

HMG-17; High mobility group nucleosome-binding

domain-containing protein 2

Background high mobility group nucleosomal binding domain

2(HMGN2) Homo sapiens The protein encoded

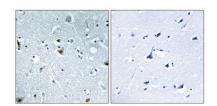
by this gene binds nucleosomal DNA and is



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associated with transcriptionally active chromatin. Along with a similar protein, HMGN1, the encoded protein may help maintain an open chromatin configuration around transcribable genes. The protein has also been found to have antimicrobial activity against bacteria, viruses and fungi. [provided by RefSeq, Oct 2014],



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by i

