Hmgb3 polyclonal antibody

Catalog # PAB8488 Size 25 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of extract from mouse crerbrum homogenate, using Hmgb3 polyclonal antibody (Cat # PAB8488) .

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Hmgb3.
Immunogen	A synthetic peptide corresponding to mouse Hmgb3.
Host	Rabbit
Reactivity	Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% proclin, 2.0% Block Ace)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.



Applications

• Western Blot (Tissue lysate)

Western blot analysis of extract from mouse crerbrum homogenate, using Hmgb3 polyclonal antibody (Cat # PAB8488).

Gene Info — Hmgb3

Entrez GenelD	<u>15354</u>
Gene Name	Hmgb3
Gene Alias	Hmg2a, Hmg4
Gene Description	high mobility group box 3
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000019352 OTTMUSP00000019353 OTTMUSP00000019354 OTTMUSP000000 19355 high mobilty group protein 2A high-mobility group protein 4

Publication Reference

<u>Hmgb3: an HMG-box family member expressed in primitive hematopoietic cells that inhibits myeloid and B-cell</u> <u>differentiation.</u>

Nemeth MJ, Curtis DJ, Kirby MR, Garrett-Beal LJ, Seidel NE, Cline AP, Bodine DM. Blood 2003 Aug; 102(4):1298.

<u>A transcription factor response element for gene expression during circadian night.</u>

Ueda HR, Chen W, Adachi A, Wakamatsu H, Hayashi S, Takasugi T, Nagano M, Nakahama K, Suzuki Y, Sugano S, lino M, Shigeyoshi Y, Hashimoto S.

Nature 2002 Aug; 418(6897):534.

HMG1 and 2: architectural DNA-binding proteins.

Thomas JO.

Biochemical Society Transactions 2001 Aug; 29(Pt 4):395.

Application: WB, Chicken, Chicken erythrocytes



• <u>New EMBO members' review: the double life of HMGB1 chromatin protein: architectural factor and extracellular signal.</u>

Muller S, Scaffidi P, Degryse B, Bonaldi T, Ronfani L, Agresti A, Beltrame M, Bianchi ME. The EMBO Journal 2001 Aug; 20(16):4337.

• Reduced fertility and spermatogenesis defects in mice lacking chromosomal protein Hmgb2.

Ronfani L, Ferraguti M, Croci L, Ovitt CE, Scholer HR, Consalez GG, Bianchi ME.

Development 2001 Apr; 128(8):1265.