

Goat anti-HMGB3 / HMG4 Antibody

Item Number	dAP-1769
Target Molecule	Principle Name: HMGB3 / HMG4; Official Symbol: HMGB3; All Names and Symbols: HMGB3; high-mobility group box 3; HMG2A; HMG4; MGC90319; high-mobility group (nonhistone chromosomal protein 4; non-histone chromosomal protein; Accession Number (s): NP_005333.2; Human Gene ID(s): 3149; Non-Human GenelD(s): 15354 (mouse)
Immunogen	KFDGAKGPAKVARKK, is from internal region (near C Terminus)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx. 24kDa band observed in Human Lung lysates (calculated MW of 23.0kDa according to NP_005333.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Yu F, Yao H, Zhu P, Zhang X, Pan Q, Gong C, Huang Y, Hu X, Su F, Lieberman J, Song E. let-7 regulates self renewal and tumorigenicity of breast cancer cells. <i>Cell</i> . 2007 Dec 14;131(6):1109-23.. PMID: 18083101->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**