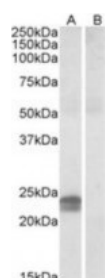




HMGA1 Antibody

CATALOG NUMBER: 42-115



Western blot analysis of HMGA1 in human pancreas lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide using HMGA1 Antibody at 0.5 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:16000. Western Blot: Approximately 24 kDa band observed in human pancreas (calculated MW of 11.7 kDa /10.7 kDa according to NP_665906.1; NP_002122.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.5-1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1307 - Human Pancreas Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize reported isoforms a (NP_665906.1, NP_665908.1, NP_665911.1) and b (NP_002122.1, NP_665910.1, NP_665912.1). This antibody is not expected to cross-react with HMGA2.
IMMUNOGEN:	HMGA1 antibody was raised against a 13 amino acid synthetic peptide near the internal region (near N-Terminus) of HMGA1 (near N-Terminus).
HOST SPECIES:	Goat

Properties

PURIFICATION:	HMGA1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	HMGA1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	nonhistone chromosomal high-mobility group protein HMG-I/HMG-Y, high-mobility group (nonhistone chromosomal) protein isoforms I and Y, OTTHUMP00000039618, OTTHUMP00000016224, OTTHUMP00000016223, OTTHUMP00000016222, MGC4854, MGC4242, MGC12816, HMGIY, HMGA1A, HMG-R, high mobility group AT-hook 1, HMGA1
ACCESSION NO.:	NP_665906.1, NP_002122.1
PROTEIN GI NO.:	22208967
OFFICIAL SYMBOL:	HMGA1
GENE ID:	3159

Background

REFERENCES:	1) Liao SS, Rocha F, Matros E, Redston M, Whang E, High mobility group AT-hook 1 (HMGA1) is an independent prognostic factor and novel therapeutic target in pancreatic adenocarcinoma. Cancer 2008 Jul 113 (2): 302-14.
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FOR RESEARCH USE ONLY

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