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Datasheet for ABIN801273

anti-HMGN1 antibody (pSer21, pSer25)

Overview

Quantity:	100 µL
Target:	HMGN1
Binding Specificity:	pSer21, pSer25
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human HMGN1 around the phosphorylation site of Ser20+Ser24
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HMGN1
Alternative Name:	HMGN1+ (HMGN1 Products)

Target Details

Background: Synonyms: HMG14 phospho S21 + S25, High mobility group nonhistone chromosomal protein 14, High mobility group nucleosome binding 1, High mobility group nucleosome binding domain containing protein 1, High mobility group protein 14, High-mobility group nucleosome binding domain 1, HMG14, HMGN 1, HMGN1, MGC104230, MGC117425, Nonhistone chromosomal protein HMG-14, Nonhistone chromosomal protein HMG14, FLJ27265, FLJ31471.
Background: Chromosomal protein HMG14 binds to the inner side of the nucleosomal DNA, thus altering the interaction between the DNA and the histone octamer and is involved in the process that maintains transcribable genes in an appropriate chromatin conformation. HMG14 has been implicated as a contributing factor in the etiology of Down syndrome.

Gene ID: 3150

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months