

## Datasheet for ABIN1386067 **anti-HEXIM1 antibody**



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### Overview

Quantity:	100 µL
Target:	HEXIM1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEXIM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HEXIM1/EDG1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	HEXIM1
Alternative Name:	HEXIM1 ( <a href="#">HEXIM1 Products</a> )
Background:	Synonyms: Cardiac lineage protein 1, CLP 1, CLP1, EDG 1, EDG1, Estrogen down-regulated gene 1 protein, Hexamethylene bis acetamide inducible 1, Hexamethylene bis acetamide inducible protein, Hexamethylene bis acetamide inducible transcript 1, Hexamethylene bis-acetamide-

## Target Details

inducible protein 1, HEXI1\_HUMAN, HEXIM 1, Hexim1, HEXIM1 protein, HIS 1, HIS1, HMBA inducible, MAQ 1, MAQ1, Menage a quatre 1, Menage a quatre protein 1, Protein HEXIM1.

Background: Hexamethylene bis-acetamide inducible 1 (HEXIM1) and Hexamethylene bis-acetamide inducible 2 (HEXIM2) comprise a family of proteins which inhibit positive transcription elongation factor b (P-TEFb) through association with 7SK. P-TEFb is composed of a catalytic subunit, Cdk9, and either Cyclin T1 or T2 as a regulatory subunit. This complex regulates eukaryotic gene expression at the level of elongation. The C-terminal domains of HEXIM proteins interact directly with each other. Via these domains, HEXIM1 and HEXIM2 form stable homo- and hetero-oligomers, which may aid in the formation of the 7SK small nuclear ribonucleic acid particle. Despite their similar functions, HEXIM1 and HEXIM2 exhibit distinct expression patterns in various established cell lines and human tissues.

Gene ID: 10614

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 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.

Expiry Date: 12 months