

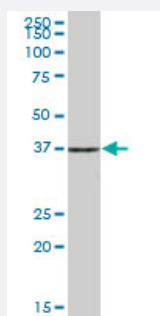
MaxPab®

PHF7 MaxPab mouse polyclonal antibody (B01)

Catalog # H00051533-B01

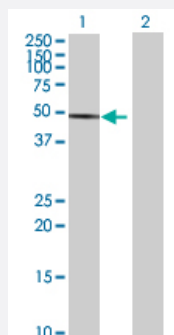
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Applications



Western Blot (Tissue lysate)

PHF7 MaxPab polyclonal antibody. Western Blot analysis of PHF7 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of PHF7 expression in transfected 293T cell line ([H00051533-T01](#)) by PHF7 MaxPab polyclonal antibody.

Lane 1: PHF7 transfected lysate(41.91 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PHF7 protein.

Immunogen

PHF7 (NP_057567.3, 1 a.a. ~ 381 a.a) full-length human protein.

Sequence

MKTVKEKKECQRLRKSATRRVTQRPSSGPVCWLCLREPGDPEKLGEFLQKDNISVHYFCLIL
SSKLPQQRGQSNRGFHHGFLPEDIKKEAARASRKICFVCKKKGAAINCQKDQCLRNHFLPCGQERG
CLSQFFGEYKSFCDKHRPTQNIQHGHVGEESCILCCEDLSQQSVENIQSPCCSQAIMHRKCIQKYA
HTSAKHFFKCPQCNNRKEFPQEMLRMGIHIPDRDAAWELEPGAFSDLYQRYQHCDAPICLYEQG
RDSFEDEGRWCLILCATCGSHGTHRDCSSLRNSKKWECEECSPAAATDYPENSGDIPCCSST
FHPEEHFCRDNTLEENPGLSWTDWPEPSLLEKPESSRGRRSYSWRSGVVRITNSCKKSK

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

PHF7 MaxPab polyclonal antibody. Western Blot analysis of PHF7 expression in human placenta.

[Protocol Download](#)

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Gene Info — PHF7

Entrez GeneID	51533
GeneBank Accession#	NM_016483.4
Protein Accession#	NP_057567.3
Gene Name	PHF7
Gene Alias	DKFZp434L1850, HSPC045, HSPC226, MGC26088, NYD-SP6
Gene Description	PHD finger protein 7
Gene Ontology	Hyperlink

Gene Summary

Spermatogenesis is a complex process regulated by extracellular and intracellular factors as well as cellular interactions among interstitial cells of the testis, Sertoli cells, and germ cells. In the testis, this gene is expressed in Sertoli cells but not germ cells. However, this gene is not expressed in a patient who exhibited spermatogenic arrest at the spermatocyte stage. Spermatogenic arrest is an interruption of germ cell differentiation that may result in oligospermia or azoospermia. The proteins encoded by this gene contain plant homeodomain (PHD) finger domains, also known as leukemia associated protein (LAP) domains, believed to be involved in transcriptional regulation. Thus this protein, which localizes to the nucleus of transfected cells, has been implicated in the transcriptional regulation of spermatogenesis. Two protein isoforms are encoded by transcript variants of this gene. [provided by RefSeq]

Other Designations

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