

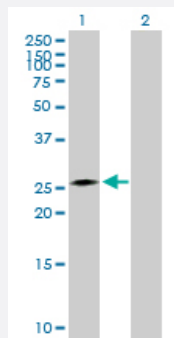
MaxPab®

CIDEA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001149-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CIDEA expression in transfected 293T cell line ([H00001149-T01](#)) by CIDEA MaxPab polyclonal antibody.

Lane 1: CIDEA transfected lysate(27.83 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

CIDEA (NP_938031.1, 1 a.a. ~ 253 a.a) full-length human protein.

Sequence

MRGDRASGGPGNHNGSWAREGPRLGPSWKRLWSPRGGPNRPAEPSRPLTFMGSQTKRVLF
TPLMHPARPFVSNHDRSSRRGVMASSLQELISKTLDALVIATGLVTLVLEEDGTVVDTEEFFQTL
GDNTHFMILEKGQKWMPGSQHVPTCSPPKRSIGARVTFDLRYLNPKDFIGCLNVKATMYEMYSVS
YDIRCTGLKGLLRSLRFLSYSAQVTGQFLMLGTYMLRVLDDKEERPSLRSQAKGRFTCG

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CIDEA

Entrez GeneID [1149](#)

GeneBank Accession# [NM_198289](#)

Protein Accession# [NP_938031.1](#)

Gene Name CIDEA

Gene Alias CIDE-A

Gene Description cell death-inducing DFFA-like effector a

Omim ID [604440](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the homolog of the mouse protein Cidea that has been shown to activate apoptosis. This activation of apoptosis is inhibited by the DNA fragmentation factor DFF45 but not by caspase inhibitors. Mice that lack functional Cidea have higher metabolic rates, higher lipolysis in brown adipose tissue and higher core body temperatures when subjected to cold. These mice are also resistant to diet-induced obesity and diabetes. This suggests that in mice this gene product plays a role in thermogenesis and lipolysis. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]

Other Designations cell death activator

Disease

- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)

- [Obesity](#)