DNAxPAb | Hard-to-Find Antibody

CIDEA DNAxPab

Catalog # H00001149-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CIDEA DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRGDRASGGPGNHNGSWAREGPRLGPSWKRGLWSPRGGPNRPAEPSRPLTFMGSQTKRVLF TPLMHPARPFRVSNHDRSSRRGVMASSLQELISKTLDALVIATGLVTLVLEEDGTVVDTEEFFQTL GDNTHFMILEKGQKWMPGSQHVPTCSPPKRSGIARVTFDLYRLNPKDFIGCLNVKATMYEMYSVS YDIRCTGLKGLLRSLLRFLSYSAQVTGQFLIYLGTYMLRVLDDKEERPSLRSQAKGRFTCG
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CIDEA

Entrez GeneID	1149
GeneBank Accession#	NM_198289.1
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