

DNAxPAb

Hard-to-Find
Antibody

CASQ1 DNAxPab

Catalog # H00000844-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CASQ1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGPRAVPGLRLALLLLVLGTPKSGVQGQEGLDPEYDGVDRVINVNAKNYKNVFKKYEVLALLY HEPPEDDKASQRQFEMEELILELAAQVLEDKGVGFGLVDSEKDAAVAKKLGLTEVDSMYVFKG DEVIEYDGEFSADTIVEFLLDVLEDPVELIEGERELQAFENIEDEIKLIGYFKSKDSEHYKAFEDAAE EFHPYIPFFATFDSKVAKKLTLLNEIDFYEAFMEEPVTIPDKPNSEEEVNFVEEHRRSTLRKLKPE SMYETWEDDMDGIHIVAFEEADPDGFEFLETLKAVAQDNTENPDLSIWIWDPDDFPLLVPYWEKT FDIDLSAPQIGVVNVTDADSVWMEMDDEEDLPSEEELEDWLEDVLEGEINTEDDDDDDDDD
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 — CASQ1

Entrez GeneID	844
GeneBank Accession#	NM_001231.3
Protein Accession#	NP_001222.2
Gene Name	CASQ1
Gene Alias	CASQ, PDIB1
Gene Description	calsequestrin 1 (fast-twitch, skeletal muscle)
Omim ID	114250
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a mitochondrial calcium-binding protein located in the luminal space of the terminal cisternae of the sarcoplasmic reticulum. The protein binds and putatively stores calcium ions. The protein is absent in patients with Duchenne and Becker types of muscular dystrophy. [provided by RefSeq]
Other Designations	calmitine calsequestrin 1

Disease

- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)