

DNAxPAb

Hard-to-Find
Antibody

GCA DNAxPab

Catalog # H00025801-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GCA DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAYPGYGGGFGNFSIQVPGMQMGQPVPETGPAILLDGYSGPAYSDTYSSAGDSVYTYFSAVAGQ DGEVDAEELQRCLTQSGINGTYPFSLETCTRIMIAMLDRDHTGKMGFNAFKELWAALNAWKENF MTVDQDGSQVEHHELRQAIGLMGYRLSPQTLTTIVKRYSKNGRIFFDDYVACCVKLRALTDFFRK RDHLQQGSANFYDDFLQGTMAI
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 — GCA

Entrez GeneID [25801](#)

GeneBank Accession# [NM_012198.2](#)

Protein Accession# [NP_036330.1](#)

Gene Name GCA

Gene Alias GCL

Gene Description grancalcin, EF-hand calcium binding protein

Omim ID [607030](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product, grancalcin, is a calcium-binding protein abundant in neutrophils and macrophages. It belongs to the penta-EF-hand subfamily of proteins which includes sorcin, calpain, and ALG-2. Grancalcin localization is dependent upon calcium and magnesium. In the absence of divalent cation, grancalcin localizes to the cytosolic fraction; with magnesium alone, it partitions with the granule fraction; and in the presence of magnesium and calcium, it associates with both the granule and membrane fractions, suggesting a role for grancalcin in granule-membrane fusion and degradation. [provided by RefSeq]

Other Designations grancalcin, EF-hand calcium-binding protein|grancalcin, penta-EF-hand protein

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)