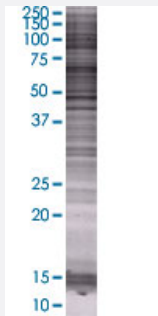


PLA2G3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00050487-T01

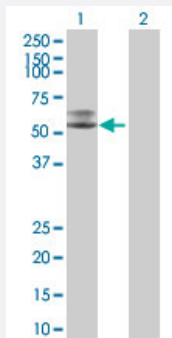
Size 100 uL

Applications



SDS-PAGE Gel

PLA2G3 transfected lysate.



Western Blot

Lane 1: PLA2G3 transfected lysate (56.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PLA2G3 full-length
Host	Human
Theoretical MW (kDa)	56.1
Interspecies Antigen Sequence	Mouse (65); Rat (65)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PLA2G3 antibody ([H00050487-B01](#)) by Western Blots.
SDS-PAGE Gel
PLA2G3 transfected lysate.
Western Blot
Lane 1: PLA2G3 transfected lysate (56.1 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PLA2G3

Entrez GeneID

[50487](#)

GeneBank Accession#

[NM_015715.2](#)

Protein Accession#

[AAH25316.1](#)

Gene Name

PLA2G3

Gene Alias

GIII-SPLA2, SPLA2III

Gene Description

phospholipase A2, group III

Omim ID

[611651](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

PLA2G3 belongs to the family of secreted phospholipase A2 (sPLA2; EC 3.1.1.4) proteins. These Ca(2+)-dependent lipolytic enzymes have a conserved Ca(2+)-binding loop and a his-aspartate dyad in the catalytic site (Murakami et al., 2003 [PubMed 12522102]).[supplied by OMIM]

Other Designations

group III secreted phospholipase A2|phosphatidylcholine 2-acylhydrolase GIII

Pathway

- [alpha-Linolenic acid metabolism](#)

- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)
- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)