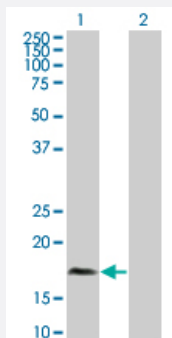


PLA2G12A polyclonal antibody (A01)

Catalog # H00081579-A01

Size 50 uL

Applications

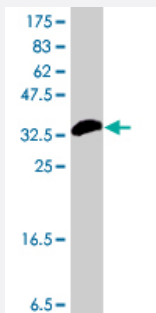


Western Blot (Transfected lysate)

Western Blot analysis of PLA2G12A expression in transfected 293T cell line by PLA2G12A polyclonal antibody (A01).

Lane1:PLA2G12A transfected lysate(21.067 KDa).

Lane2:Non-transfected lysate.



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PLA2G12A.
Immunogen	PLA2G12A (NP_110448, 90 a.a. ~ 188 a.a) partial recombinant protein with GST tag.
Sequence	PLFGVHLNIGIPSLTKCCNQHDRCYETCGKSKNDCDEEFQYCLSKICRDVQKTLGLTQHVQACET TVELLFDSVIHLGCKPYLDSQRAACRCHYEKTD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

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

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PLA2G12A expression in transfected 293T cell line by PLA2G12A polyclonal antibody (A01).

Lane1:PLA2G12A transfected lysate(21.067 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PLA2G12A

Entrez GeneID

[81579](#)

GeneBank Accession#

[NM_030821](#)

Protein Accession#

[NP_110448](#)

Gene Name

PLA2G12A

Gene Alias

GXII, PLA2G12, ROSSY

Gene Description

phospholipase A2, group XIIA

Omim ID

[611652](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Secreted phospholipase A2 (sPLA2) enzymes liberate arachidonic acid from phospholipids for production of eicosanoids and exert a variety of physiologic and pathologic effects. Group XII sPLA2s, such as PLA2G12A, have relatively low specific activity and are structurally and functionally distinct from other sPLA2s (Gelb et al., 2000 [PubMed 11031251]).[supplied by OMIM]

Other Designations

group XII secreted phospholipase A2|group XIIA secreted phospholipase A2

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

- [Alcoholism](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)