

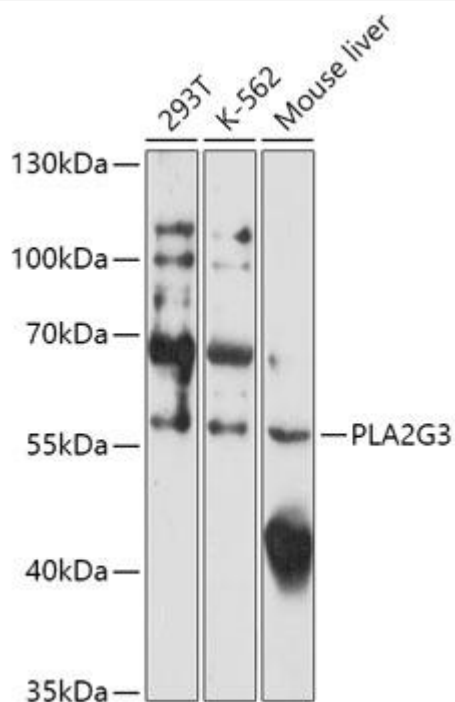


PLA2G3 mouse mAb

Catalog No	YP-mAb-19447
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Immunogen	Synthetic peptide.This information is considered to be commercially sensitive.
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	SPLA2III; sPLA2-III; GIII-SPLA2; PLA2G3
Observed Band	57kDa
Calculated Molecular Weight	57kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This gene encodes a protein that belongs to the secreted phospholipase A2 family, whose members include the bee venom enzyme.The encoded enzyme functions in lipid metabolism and catalyzes the calcium-dependent hydrolysis of the sn-2 acyl bond of phospholipids to release arachidonic acid and lysophospholipids.This enzyme acts as a negative regulator of ciliogenesis, and may play a role in cancer development by stimulating tumor cell growth and angiogenesis.This gene is associated with oxidative stress, and polymorphisms in this gene are linked to risk for Alzheimer's disease.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of various lysates using PLA2G3 Rabbit pAb (A17696) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.