

Datasheet for ABIN126886
anti-PLSCR1 antibody (N-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	PLSCR1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLSCR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide conjugated to KLH.
Clone:	1-00E-009
Isotype:	IgG1
Specificity:	This antibody specifically recognizes the N-terminus of scramblase-1 at 35 kDa.
Characteristics:	Synonyms: Phospholipid scramblase 1, PL scramblase 1, MmTRA1b, Ca(2+)-dependent phospholipidscramblase 1, Erythrocyte phospholipid scramblase
Purification:	Subsequent Thiophilic Adsorption and Size Exclusion Chromatography.
Components:	incl. positive Control

Target Details

Target:	PLSCR1
Abstract:	PLSCR1 Products
Background:	Scramblase-1 is a calcium-binding protein that can be induced by interferon and growth factors (e.g. epidermal growth factor EGF). Depending on its palmitoylation state, scramblase-1 either inserts into the plasma membrane or binds DNA in the nucleus. Scramblase-1 is a substrate for src kinases.Synonyms: Ca(2+)-dependent phospholipid scramblase 1, Erythrocyte phospholipid scramblase, MmTRA1b, PL scramblase 1, Phospholipid scramblase 1
Gene ID:	5359
UniProt:	O15162
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Western Blot: 1 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubationbuffer. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Protocol:	Positive Control Cell LysateHepG2 untreatedSize Sufficient: 20 mini-gel lanes. Formulation: Lyophilized cell lysate from serum starved HepG2 cells. Reconstitution: Restore by addition of 200 µl H ₂ O. After complete solubilization add 200µl 2x SDS-PAGE sample buffer, mix and incubate at 90°C for 5 min. Storage: Aliquote and store frozen. Avoid repeated freeze/thaw cycles. Application: The positive control cell lysate is recommended for Immunoblot applications. 20 µl of positive control cell lysate correspond to ca. 80. 000 cells. Use 20 µl / lane (mini gel) for HRPO/ECL detection of the target proteins.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 1 mL H ₂ O (15 min, RT).
Buffer:	1 mLPBS containing 0.09 % Sodium Azide as preservative, PEG and Sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C/-80 °C

Storage Comment: Store lyophilized (preferably in a desiccator) at -20 °C and reconstituted (aliquote and freeze in liquid nitrogen) at -80 °C. Thaw aliquots at 37 °C. Thawed aliquots may be stored at 4 °C up to 3 months. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Expiry Date: 12 months

Validation report #101103 for Immunofluorescence (IF)

Western Blotting

Image 1.

