# ANTIBODIES ONLINE

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

Image



Overview

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| 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:         | lgG1  |
| 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  |

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### Target Details

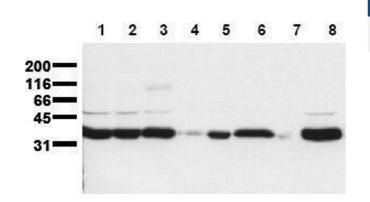
| Target:             | PLSCR1   |
|---------------------|--|
| Abstract:           | PLSCR1 Products  |
| Background:         | Scramblase-1 is a calcium-binding protein that can be induced by interferon and growth factors (e.g. epidermal growth factor EGF). Depending on its palmitoylation state, scramblase-1 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:            | 015162   |
| Pathways:           | Cellular Response to Molecule of Bacterial Origin  |
| Application Details |  |
| Application Notes:  | <ul> <li>Western Blot: 1 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween</li> <li>20 based blocking and blot incubationbuffer.</li> <li>Other applications not tested.</li> <li>Optimal dilutions are dependent on conditions and should be determined by the user.</li> </ul>   |
| Protocol:           | Positive Control Cell LysateHepG2 untreatedSize Sufficient: 20 mini-gel lanes. Formulation:<br>Lyophilized cell lysate from serum starved HepG2 cells. Reconstitution: Restore by addition of<br>200 µl H2O. After complete solubilization add 200µl 2x SDS-PAGE sample buffer, mix and<br>incubate at 90°C for 5 min. Storage: Aliquote and store frozen. Avoid repeated freeze/thaw<br>cycles. Application: The positive control cell lysate is recommended for Immunoblot<br>applications. 20 µl of positive control cell lysate correspond to ca. 80. 000 cells. Use 20 µl / lane<br>(mini gel) for HRPO/ECL detection of the target proteins. |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Reconstitution:     | Restore with 1 mL H2O (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.   |

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|---|------|------|
|   |      | 3    |

| Storage:         | -20 °C/-80 °C   |
|------------------|---|
| Storage Comment: | Store lyophilized (preferably in a desiccator) at -20 °C and reconstituted (aliquote andfreeze 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.<br>Shelf life: one year from despatch. |
| Expiry Date:     | 12 months   |

#### Images



#### Western Blotting

Image 1.