



[Go to Product page](#)

Datasheet for ABIN1881709

anti-Poliovirus Receptor antibody (C-Term)

1 Image

3 Publications

Overview

Quantity:	400 µL
Target:	Poliovirus Receptor (PVR)
Binding Specificity:	AA 314-342, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Poliovirus Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PVR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 314-342 amino acids from the C-terminal region of human PVR.
Clone:	RB41981
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Poliovirus Receptor (PVR)
Alternative Name:	PVR (PVR Products)
Background:	The protein encoded by this gene is a transmembrane glycoprotein belonging to the

Target Details

immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 45303

NCBI Accession: [NP_001129240](#), [NP_001129241](#), [NP_001129242](#), [NP_006496](#)

UniProt: [P15151](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cell-Cell Junction Organization](#), [Cancer Immune Checkpoints](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

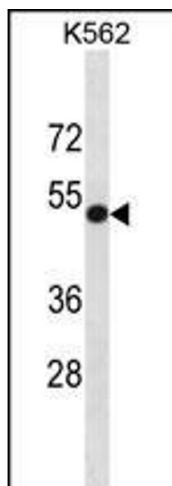
Publications

Product cited in: Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: **Journal of chromatography. A**, Vol. 1325, pp. 171-8, (2014) ([PubMed](#)).

Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection."

in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) ([PubMed](#)).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).



Western Blotting

Image 1. PVR Antibody (C-term) (ABIN1881709 and ABIN2838915) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the PVR antibody detected the PVR protein (arrow).