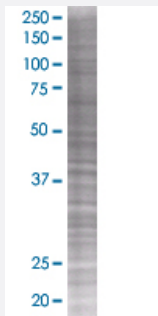


# PICK1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009463-T01

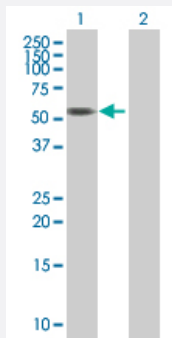
Size 100 uL

## Applications



### SDS-PAGE Gel

PRKCABP transfected lysate



### Western Blot

Lane 1: PRKCABP transfected lysate ( 46.6 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-PICK1 full-length
Host	Human
Theoretical MW (kDa)	46.6
Interspecies Antigen Sequence	Mouse (96); Rat (97)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PICK1 antibody ([H00009463-B01](#)) by Western Blots.  
SDS-PAGE Gel  
PRKCABP transfected lysate  
Western Blot  
Lane 1: PRKCABP transfected lysate ( 46.6 KDa).  
Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — PICK1

## Entrez GeneID

[9463](#)

## GeneBank Accession#

[NM\\_012407](#)

## Protein Accession#

[NP\\_036539](#)

## Gene Name

PICK1

## Gene Alias

MGC15204, PICK, PRKCABP

## Gene Description

protein interacting with PRKCA 1

## Omim ID

[605926](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

The protein encoded by this gene contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage-gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

## Other Designations

OTTHUMP00000028509|PRKCA-binding protein|protein interacting with C kinase 1|protein kinase C, alpha binding protein

## Disease

- [Amphetamine-Related Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Psychoses](#)
- [Schizophrenia](#)