

For Research Use Only

# ANKRD40 Polyclonal antibody, PBS Only

Catalog Number: 25765-1-PBS



## Basic Information

Catalog Number:

25765-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22731

GenBank Accession Number:

BC005853

GeneID (NCBI):

91369

UNIPROT ID:

Q6AI12

Full Name:

ankyrin repeat domain 40

Calculated MW:

368 aa, 41 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IP, Indirect ELISA

Species Specificity:

human

## Background Information

ANKRD40 (ankyrin repeat domain 40) is a protein-coding gene conserved across mammals, including humans, mice, rats, and whales. The encoded protein contains ankyrin repeat domains, which are structural motifs typically involved in protein-protein interactions. In humans, ANKRD40 is located on chromosome 17 (17q21.33) and is ubiquitously expressed, with higher levels in tissues like the brain and adipose. ANKRD40 implicated in DNA replication, cell adhesion and migration; its expression correlates with tumor progression, yet precise molecular mechanisms remain undefined.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

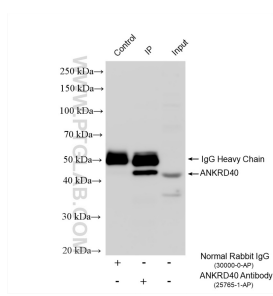
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## Selected Validation Data



IP result of anti-ANKRD40 (IP: 25765-1-AP, 4 $\mu$ g; Detection: 25765-1-AP 1:1000) with MCF-7 cells lysate 1680  $\mu$ g. This data was developed using the same antibody clone with 25765-1-PBS in a different storage buffer formulation.