

For Research Use Only

# ANKRD40 Polyclonal antibody

Catalog Number: 25765-1-AP



## Basic Information

<b>Catalog Number:</b> 25765-1-AP	<b>GenBank Accession Number:</b> BC005853	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 960 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 91369	<b>Recommended Dilutions:</b> IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6AI12	
<b>Isotype:</b> IgG	<b>Full Name:</b> ankyrin repeat domain 40	
<b>Immunogen Catalog Number:</b> AG22731	<b>Calculated MW:</b> 368 aa, 41 kDa	
	<b>Observed MW:</b> 41 kDa	

## Applications

<b>Tested Applications:</b> IP, ELISA	<b>Positive Controls:</b> IP: MCF-7 cells,
<b>Species Specificity:</b> 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

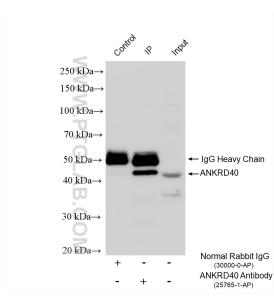
For technical support and original validation data for this product please contact:

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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.