

# ANKRD54 Monoclonal antibody

Catalog Number: 68388-1-Ig

## Basic Information

Catalog Number:

68388-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG22772

GenBank Accession Number:

BC066909

GeneID (NCBI):

129138

UNIPROT ID:

Q6NXT1

Full Name:

ankyrin repeat domain 54

Calculated MW:

300 aa, 33 kDa

Observed MW:

33-35 kDa

Purification Method:

Protein G purification

CloneNo.:

1E9A9

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : HeLa cells, U2OS cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

## Background Information

Ankyrin repeat domain 54 (ANKRD54)/Liar is a nuclear-cytoplasmic shuttling adaptor that interacts with Lyn, Btk, Txk, and HCLS1. Activation of PKC kinases promoted nuclear export and phosphorylation of Ankrd54, and increased interaction and cytoplasmic co-localization with Lyn.

## Storage

Storage:

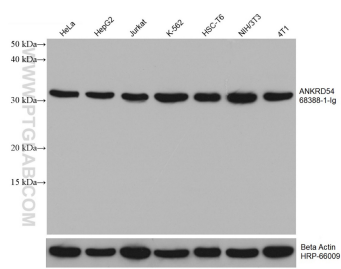
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

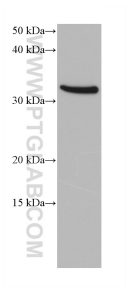
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68388-1-Ig (ANKRD54 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



U2OS cells were subjected to SDS PAGE followed by western blot with 68388-1-Ig (ANKRD54 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.