

For Research Use Only

# ISLR Polyclonal antibody

Catalog Number: 24306-1-AP



## Basic Information

**Catalog Number:**

24306-1-AP

**Size:**

800 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19446

**GenBank Accession Number:**

BC022478

**GeneID (NCBI):**

3671

**UNIPROT ID:**

O14498

**Full Name:**

immunoglobulin superfamily  
containing leucine-rich repeat

**Calculated MW:**

428 aa, 46 kDa

**Observed MW:**

44-46 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

mouse

**Positive Controls:**

WB : NIH/3T3 cells, rat thyroid gland tissue, mouse  
retina tissue

## Background Information

The Immunoglobulin superfamily containing leucine-rich repeat protein (ISLR), is involved in various biological events, such as embryonic development, Gaucher's disease, and replicative senescence of fibroblasts in some organs, including the heart, pancreas, and bone marrow. ISLR, also known as meflin, is a newly discovered marker of mesenchymal stem cells, which is involved in pathological fibrosis and the cancer microenvironment. (PMID: 34713300)

## 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

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

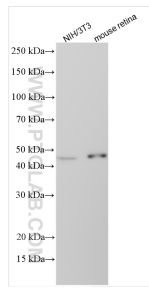
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24306-1-AP (ISLR antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.