

For Research Use Only

# UBASH3A-Specific Polyclonal antibody



Catalog Number: 15823-1-AP **7 Publications**

## Basic Information

**Catalog Number:**

15823-1-AP

**Size:**

900 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_018961

**GeneID (NCBI):**

53347

**UNIPROT ID:**

P57075

**Full Name:**

ubiquitin associated and SH3 domain containing, A

**Calculated MW:**

74 kDa

**Observed MW:**

70-74 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

IF/ICC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

WB : mouse bone marrow,

IP : mouse spleen tissue,

IF/ICC : THP-1 cells,

## Background Information

UBASH3A gene encodes ubiquitin-associated and SH3 domain-containing protein A (UBASH3A) also known as T-cell ubiquitin ligand 1 (TULA1) which is one of two family members belonging to the T-cell ubiquitin ligand (TULA) family. UBASH3A gene expression is limited to only a few tissues, with its highest expression in spleen, peripheral blood leukocytes, and bone marrow. UBASH3A protein is associated with c-Cbl and ubiquitylated proteins and has been implicated in the regulation of signaling mediated by protein-tyrosine kinases. Other family members can negatively regulate T-cell signaling. UBASH3A can facilitate growth factor withdrawal-induced apoptosis in T cells via its interaction with apoptosis-inducing factor (AIF). This antibody is UBASH3A-specific.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan Ge	28607106	Diabetes	WB
Mei Suen Kong	30723173	Sci Signal	WB
Jie Wang	38461240	BMC Cancer	WB

## 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:

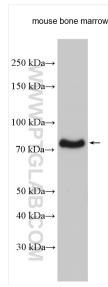
T: 4006900926

E: Proteintech-CN@ptglab.com

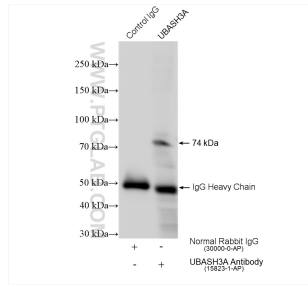
W: ptgcn.com

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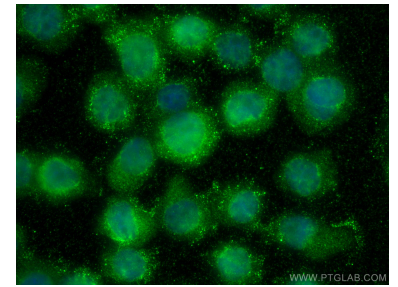
## Selected Validation Data



mouse bone marrow tissue were subjected to SDS PAGE followed by western blot with 15823-1-AP (UBASH3A-Specific antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-UBASH3A-Specific (IP:15823-1-AP, 4ug; Detection:15823-1-AP 1:500) with mouse spleen tissue lysate 1920 ug.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using UBASH3A-Specific antibody (15823-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).