

Datasheet for ABIN6149975  
**anti-Urm1 antibody (AA 1-63)**



[Go to Product page](#)

1 Image

### Overview

Quantity:	100 µL
Target:	Urm1
Binding Specificity:	AA 1-63
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Urm1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-63 of human URM1 (NP_001252511.1).
Sequence:	MAAPLSVEVE FGGGAELLFD GIKKHRVTLP GQEEPWDIRN LLIWIKKNLL KERPELFIQG DSV
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

### Target Details

Target:	Urm1
Alternative Name:	URM1 ( <a href="#">Urm1 Products</a> )

## Target Details

---

**Background:** Acts as a sulfur carrier required for 2-thiolation of mcm(5S(2U at tRNA wobble positions of cytosolic tRNA(Lys, tRNA(Glu and tRNA(Gln. Serves as sulfur donor in tRNA 2-thiolation reaction by being thiocarboxylated (-COSH at its C-terminus by MOCS3. The sulfur is then transferred to tRNA to form 2-thiolation of mcm(5S(2U. Also acts as a ubiquitin-like protein (UBL that is covalently conjugated via an isopeptide bond to lysine residues of target proteins such as MOCS3, ATPBD3, CTU2, USP15 and CAS. The thiocarboxylated form serves as substrate for conjugation and oxidative stress specifically induces the formation of UBL-protein conjugates.,URM1,C9orf74,URM1

**Molecular Weight:** 7 kDa/11 kDa/15 kDa

**Gene ID:** 81605

**UniProt:** [Q9BTM9](#)

## Application Details

---

**Application Notes:** WB,1:500 - 1:2000,IF,1:50 - 1:100

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

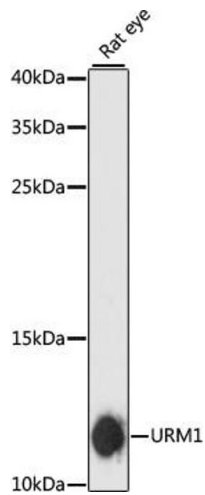
**Buffer:** PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of rat eye, using URM1 antibody (ABIN6130755, ABIN6149975, ABIN6149976 and ABIN6217945) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.