

## Anti-Sestrin 1 Antibody (3U236)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	3U236
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of SESN1 expression in K562 cell lysate.
Application:	FCM,WB
Recommended	FCM: 1:20-1:100; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human Sestrin 1
Synonyms:	Sestrin1;SEST1;sesn1;SEST 1;PA26

### Research Background

Functions as an intracellular leucine sensor that negatively regulates the TORC1 signaling pathway through the GATOR complex. In absence of leucine, binds the GATOR subcomplex GATOR2 and prevents TORC1 signaling. Binding of leucine to SESN2 disrupts its interaction with GATOR2 thereby activating the TORC1 signaling pathway.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481