

## Anti-MINA53 Antibody (6U186)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 53 kDa. Actual: 53 kDa.
Clone:	6U186
Purification:	Protein A purified

### Applications

Verified Activity:	Western blot analysis of A431 cell lysate. Using MINA53 (TMAB-08822) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF
Recommended	WB: 1:1000-2000; ICC/IF: 1:50-200

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. 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 Ribosomal oxygenase 2
Antigen Species:	Human
Gene ID:	84864
Uniprot ID:	Q8IUF8

### Research Background

Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated 'Lys-9' on histone H3 (H3K9me3), leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 60S ribosomal protein L27a on 'His-39'. May play an important role in cell growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles.

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

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