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Datasheet for ABIN6944155  
**anti-MTRF1 antibody (AA 301-380) (Alexa Fluor 680)**

### Overview

Quantity:	100 µL
Target:	MTRF1
Binding Specificity:	AA 301-380
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTRF1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MTRF1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	MTRF1
Alternative Name:	MTRF1 ( <a href="#">MTRF1 Products</a> )

## Target Details

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**Background:** Synonyms: HMRF1L, Human mitochondrial release factor 1-like, Mitochondrial release factor 1 like, Mitochondrial translational release factor 1 like, Mitochondrial translational release factor 1-like, mtRF1a, MTRF1L, Peptide chain release factor 1-like, mitochondrial, RF1ML\_HUMAN.  
Background: Mitochondrial DNA encodes 13 proteins that play essential roles in the respiratory chain, while all proteins involved in mitochondrial translation are encoded by nuclear genes that are imported from the cytoplasm. MTRF1L is a nuclear-encoded protein that functions as a releasing factor that recognizes termination codons and releases mitochondrial ribosomes from the synthesized protein (summary by Nozaki et al., 2008 [PubMed 18429816]).[supplied by OMIM, Nov 2010]

**Gene ID:** 54516

**UniProt:** [Q9UGC7](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

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

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months