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Datasheet for ABIN6982251

## anti-MAGMAS antibody (AA 31-125) (AbBy Fluor® 750)

### Overview

Quantity:	100 µL
Target:	MAGMAS (PAM16)
Binding Specificity:	AA 31-125
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAGMAS antibody is conjugated to AbBy Fluor® 750
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 PAM16
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	MAGMAS (PAM16)
Alternative Name:	PAM16 ( <a href="#">PAM16 Products</a> )

## Target Details

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**Background:** Synonyms: CGI-136, MAGMAS, Magmas like protein, Mitochondria associated protein involved in granulocyte macrophage colony stimulating factor signal transduction, Mitochondria-associated granulocyte macrophage CSF-signaling molecule, Mitochondrial import inner membrane translocase subunit TIM16, PAM16, Presequence translocase-associated motor 16 homolog (*S. cerevisiae*), Presequence translocated-associated motor subunit PAM16, TIM16, TIM16\_HUMAN, TIMM16.

**Background:** This gene encodes a mitochondrial protein involved in granulocyte-macrophage colony-stimulating factor (GM-CSF) signaling. This protein also plays a role in the import of nuclear-encoded mitochondrial proteins into the mitochondrial matrix and may be important in reactive oxygen species (ROS) homeostasis. Mutations in this gene cause Megarbane-Dagher-Melike type spondylometaphyseal dysplasia, an early lethal skeletal dysplasia characterized by short stature, developmental delay and other skeletal abnormalities. [provided by RefSeq, May 2017]

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**Gene ID:** 51025

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**UniProt:** [Q9Y3D7](#)

## 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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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

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## Handling

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Expiry Date: 12 months