

# PAM16 Polyclonal Antibody

Catalog Number:E-AB-19110



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

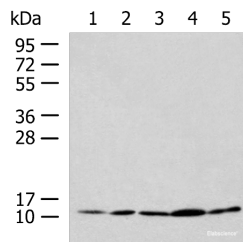
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Fusion protein of human PAM16
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

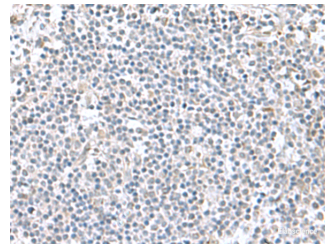
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200
<b>ELISA</b>	1:5000-1:10000

## Data



Western blot analysis of HL-60 Hela Jurkat LNCAP HepG2 cell lysates using PAM16 Polyclonal Antibody at dilution of 1:900  
**Observed Mw:Refer to figures**  
**Calculated Mw:14 kDa**



Immunohistochemistry of paraffin-embedded Human tonsil tissue using PAM16 Polyclonal Antibody at dilution of 1:60(×200)

## Preparation & Storage

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

## 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.

## For Research Use Only

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