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Datasheet for ABIN7269747

anti-PUM2 antibody

2 Images

Overview

Quantity:	100 µL
Target:	PUM2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PUM2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Pumilio 2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Pumilio 2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PUM2
Alternative Name:	PUM2 (PUM2 Products)
Background:	This gene encodes a protein that belongs to a family of RNA-binding proteins. The encoded

Target Details

protein functions as a translational repressor during embryonic development and cell differentiation. This protein is also thought to be a positive regulator of cell proliferation in adipose-derived stem cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],PUMH2, PUM1,Cell Biology & Developmental Biology,Embryonic Stem Cells,Epigenetics & Nuclear Signaling,Germline Stem Cells,RNA Binding,Stem Cells,PUM2

Molecular Weight: 114kDa

Gene ID: 23369

UniProt: [Q8TB72](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

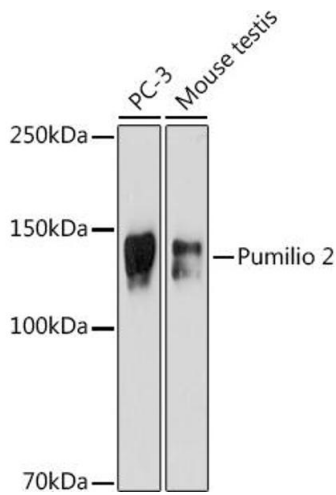
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

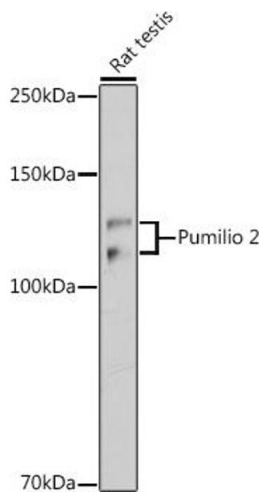
Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Pumilio 2 antibody (ABIN7269747) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.



Western Blotting

Image 2. Western blot analysis of extracts of Rat testis, using Pumilio 2 antibody (ABIN7269747) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.