Datasheet for ABIN185369

anti-PUM2 antibody (Internal Region)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	PUM2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PUM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PUM2
Immunogen:	Peptide with sequence C-DQNRDLKQGDDDDSK, from the internal region of the protein sequence according to NP_056132.1.
Sequence:	DQNRDLKQGD DDDSK
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

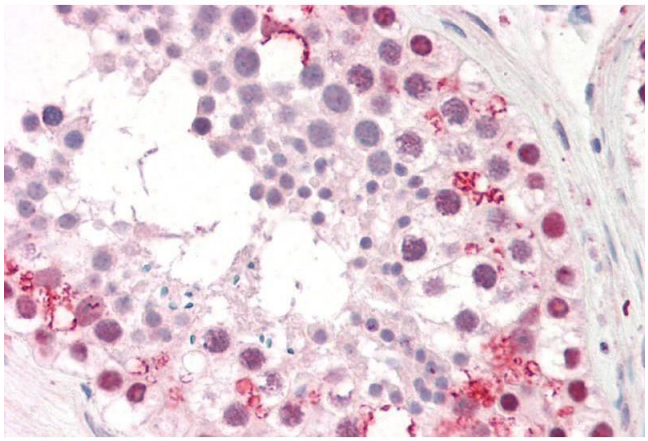
Target:	PUM2
Alternative Name:	PUM2 (PUM2 Products)
Background:	PUM2, PUMH2, PUML2, KIAA0235, pumilio homolog 2 (Drosophila), pumilio (Drosphila) homolog 2, FLJ36528, MGC138251, MGC138253, OTTHUMP00000200539, pumilio homolog 2
Gene ID:	23369
NCBI Accession:	NP_056132
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 10 µg/mL. Western Blot: In transfected HEK293 transiently expressing full-length Human PUM2 (myc and DYKDDDDK tagged), a band of approx. 140 kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag a Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

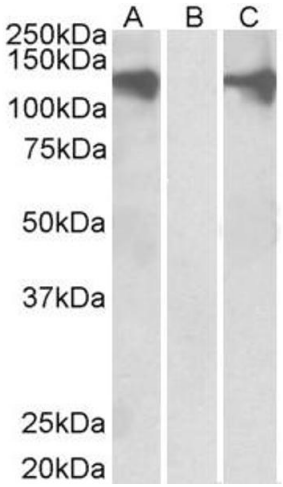
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN185369 (10µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human PUM2 with DYKDDDDK tag probed with ABIN185369 (0.5ug/ml) in Lane A and probed with anti-DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with ABIN185369 (1mg/ml) in Lane B. Primary incubation was 1 hour. Detected by chemiluminescence.

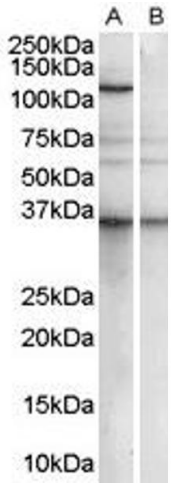


Image 3. ABIN185369 (1µg/ml) staining of Human Epstein-Barr virus immortilised lymphoblastoid lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.