

Datasheet for ABIN6266307
anti-PIBF1 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	PIBF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIBF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human PIBF1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	PIBF1 Antibody detects endogenous levels of total PIBF1.
Predicted Reactivity:	Horse, Sheep, Rabbit, Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PIBF1
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Target Details

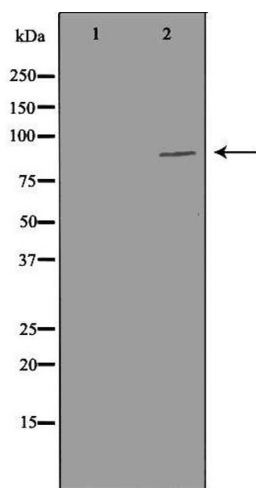
Alternative Name:	PIBF1 (PIBF1 Products)
Background:	<p>Description: Isoform 1: Pericentriolar protein required to maintain mitotic spindle pole integrity (PubMed:21224392). Required for the centrosomal accumulation of PCM1 and the recruitment of centriolar satellite proteins such as BBS4. Via association with PCM1 may be involved in primary cilia formation (PubMed:23110211). Required for CEP63 centrosomal localization and its interaction with WDR62. Together with CEP63 promotes centriole duplication. Promotes the centrosomal localization of CDK2 (PubMed:26297806).</p> <p>Gene: PIBF1</p>
Molecular Weight:	90kDa
Gene ID:	10464
UniProt:	Q8WXW3

Application Details

Application Notes:	WB 1:500-1:1000, IHC 1:50-1:100, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

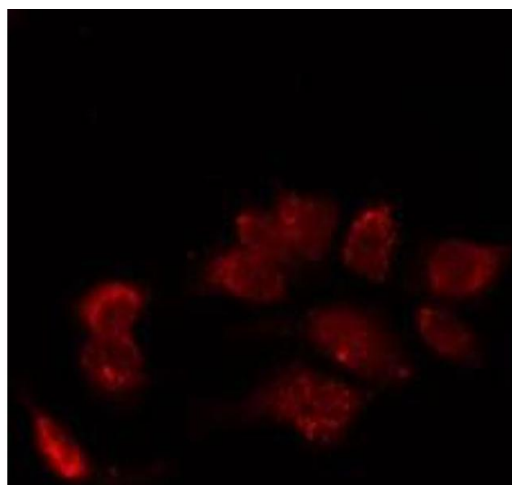
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



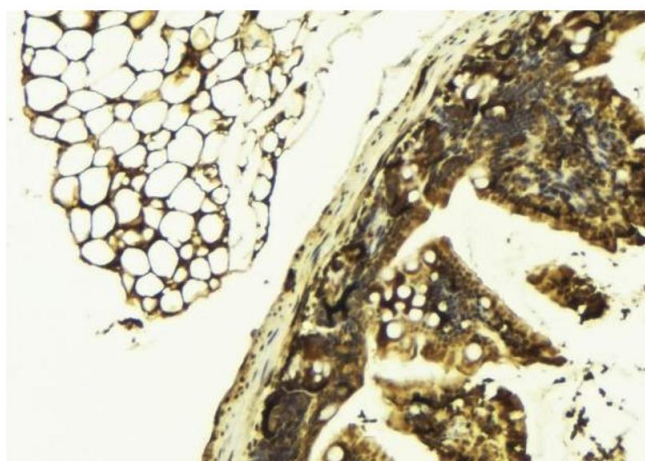
Western Blotting

Image 1. Western blot analysis of LoVo cell lysate, using PIBF1 Antibody. The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6277426 staining LoVo by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Immunohistochemistry

Image 3. ABIN6277426 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6266307.