

Rabbit PIBF1 Polyclonal Antibody | anti-PIBF1 antibody

PIBF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31130	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

PIBF1; Polyclonal Antibody; PIBF1 Antibody; C13orf24; KIAA1008; PIBF 1; PIBF; PIBF1_HUMAN; Progesterone immunomodulatory binding factor 1; Progesterone induced blocking factor 1; Progesterone-induced-blocking factor 1; RP11 505F3.1; anti-PIBF1 antibody

PRODUCT SPECIFICATIONS

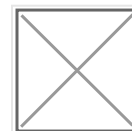
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	757
Applicable Applications for anti-PIBF1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:100 IF/ICC: 1:100-1:500 ELISA (peptide): 1:20000-1:40000 *The optimal dilutions should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthetic peptide of human PIBF1, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

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



IF (Immunofluorescence)

AAA31130 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31130 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IF (Immunofluorescence)

AAA31130 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 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from hepg2, using PIBF1 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PIBF1 antibody

Description: Progesterone-induced-blocking factor 1 is a protein that in humans is encoded by the PIBF1 gene. It has been shown to localize to the centrosome and has also been named CEP90. Mediator of progesterone that by acting on the phospholipase A2 enzyme interferes with arachidonic acid metabolism, induces a Th2 biased immune response, and by controlling NK activity exerts an anti-abortion effect.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55769583
NCBI GeneID	10464
NCBI Accession #	NP_006337.2
NCBI GenBank Nucleotide #	NM_006346.3
UniProt Accession #	Q8WXW3; O95664; Q6U9V2; Q6UG50; Q86V07; Q96SF4
Molecular Weight	90 kDa
NCBI Official Full Name	progesterone-induced-blocking factor 1 isoform 2
NCBI Official Synonym Full Names	progesterone immunomodulatory binding factor 1
NCBI Official Symbol	PIBF1
NCBI Official Synonym Symbols	PIBF; CEP90; JBTS33; C13orf24
NCBI Protein Information	progesterone-induced-blocking factor 1
UniProt Protein Name	Progesterone-induced-blocking factor 1
UniProt Gene Name	PIBF1
UniProt Synonym Gene Names	C13orf24; PIBF; PIBF; CEP90

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pibf1-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/31130>