



Rabbit Anti-PIBF antibody

SL0420R

Product Name:	PIBF
Chinese Name:	孕激素诱导阻断因子抗体
Alias:	progesterone induced blocking factor; KIAA1008; PIBF 1; PIBF; PIBF1; Progesterone immunomodulatory binding factor 1; Progesterone induced blocking factor 1; PIBF1_HUMAN; RP11 505F3.1; CEP90; C13orf24; RP11-505F3.1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	83kDa
Cellular localization:	The nucleusSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PIBF:551-650/756
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	C13orf24 is also known as Progesterone-induced-blocking factor 1 (PIBF1). PIBF1 is synthesized by lymphocytes of healthy pregnant women in the presence of progesterone and inhibits arachidonic acid release, by acting on the phospholipase A2 enzyme, inducing a Th2 biased immune response. It also controls NK activity, and modifies the cytokine balance exerting an anti-abortive effect.

Function:

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-abortive effect.

Tissue Specificity:

Expressed at highest levels in testis. Moderate expression is detected in spleen, thymus, prostate, ovary, small intestine, and colon.

SWISS:

Q8WXW3

Gene ID:

10464

Database links:

[Entrez Gene: 10464](#)Human

[Entrez Gene: 52023](#)Mouse

[Entrez Gene: 306104](#)Rat

[Omim: 607532](#)Human

[SwissProt: Q8WXW3](#)Human

[Unigene: 441926](#)Human

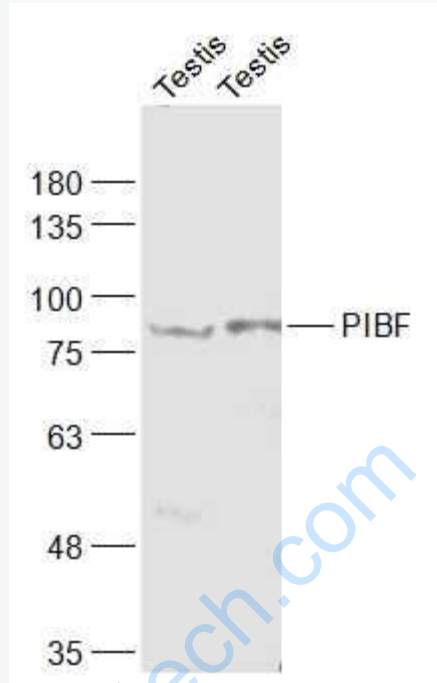
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

孕激素诱导阻断因子又称孕酮诱导的封闭因子性蛋白。

妊娠期间lymphocyte生成孕酮受体且释放一种称之为孕酮诱导的封闭因子性蛋白(PIBF),PIBF有很强的抗NK细胞活性,PIBF阳性lymphocyte分泌IL-10。

Picture:



Sample:

Testis (Mouse) Lysate at 40 ug

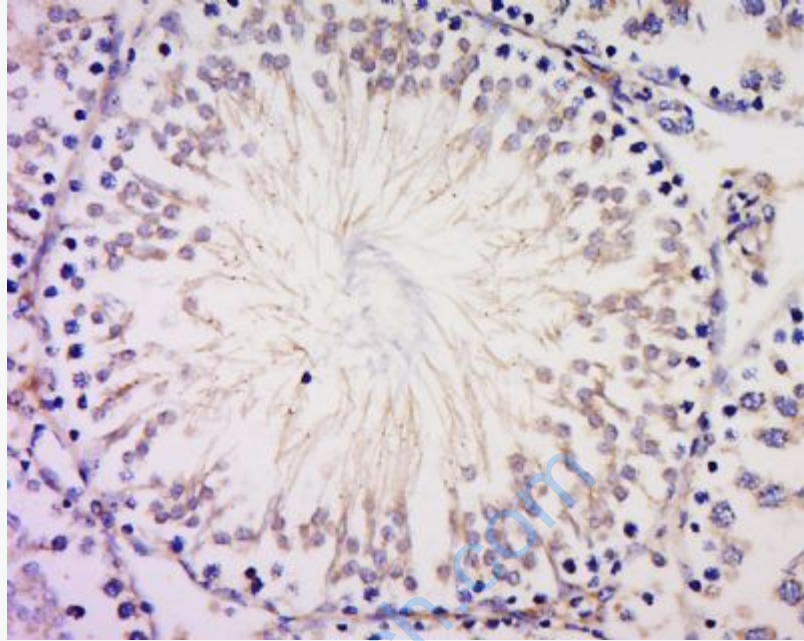
Testis (Rat) Lysate at 40 ug

Primary: Anti-PIBF (SL0420R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 83 kD

Observed band size: 83 kD



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-PIBF Polyclonal Antibody, Unconjugated(SL0420R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining