

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.
Research Area	immunology Cyclin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse, Rat, (predicted: Human,) WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	83kDa
Cellular localization	The nucleus Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PIBF: 551-650/756
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed

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

Product Detail Gene ID:

10464

Database links:

[Entrez Gene: 10464](#) Human

[Entrez Gene: 52023](#) Mouse

[Entrez Gene: 306104](#) Rat

[Oimim: 607532](#) Human

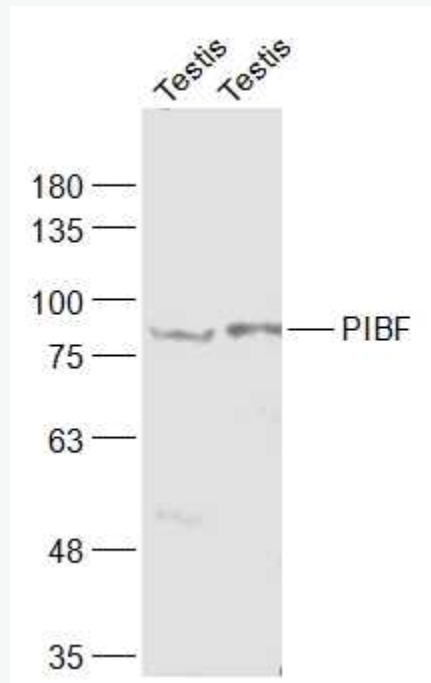
[SwissProt: Q8WXW3](#) Human

[Unigene: 441926](#) Human

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。

**Product
Picture**



Sample:

Testis (Mouse) Lysate at 40 ug

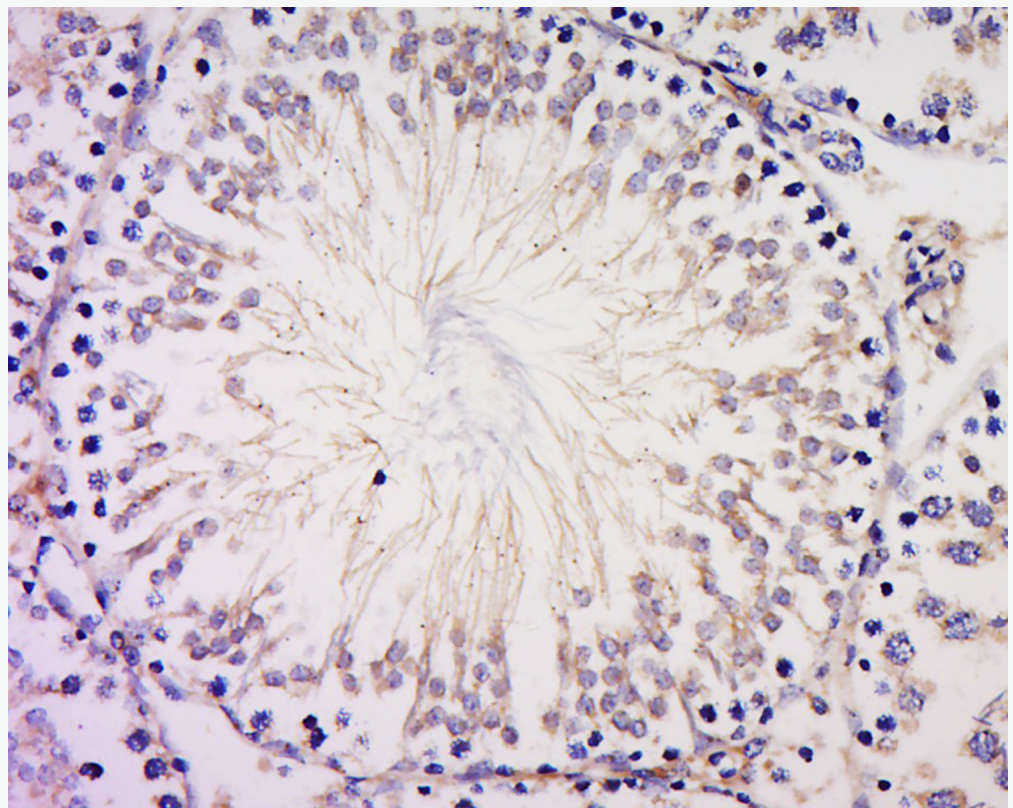
Testis (Rat) Lysate at 40 ug

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 (1M, 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