

PIBF1 / PIBF Antibody (C-Terminus)

Rabbit Polyclonal Antibody Catalog # ALS16011

Specification

PIBF1 / PIBF Antibody (C-Terminus) - Product Information

Application WB, IF
Primary Accession Q8WXW3

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 90kDa KDa

PIBF1 / PIBF Antibody (C-Terminus) - Additional Information

Gene ID 10464

Other Names

Progesterone-induced-blocking factor 1, PIBF1, C13orf24, PIBF

Target/Specificity

Multiple isoforms of PIBF1 exists as a result of alternative splicing event.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

PIBF1 / PIBF Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PIBF1 / PIBF Antibody (C-Terminus) - Protein Information

Name PIBF1

Synonyms C13orf24, PIBF

Function

Plays a role in ciliogenesis.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm. Secreted Note=In progesterone-treated astrocytoma cells a 57 kDa protein and isoform 1 (90 kDa) have been described, both being located in the intracellular medium and secreted. Respective predominant forms are isoform 1 in the intracellular and the 57 kDa protein in the extracellular medium (PubMed:25218441). [Isoform 4]: Secreted Note=Secreted by progesterone-treated lymphocytes (PubMed:14634107)

Tissue Location



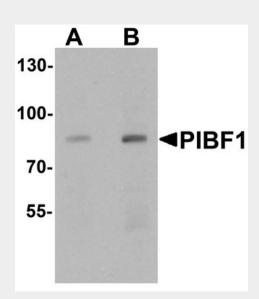
Expressed at highest levels in testis. Moderate expression is detected in spleen, thymus, prostate, ovary, small intestine, and colon (PubMed:11935316). Expressed in the first trimester pregnancy decidua (PubMed:12516630). Localized to extravillous cytotrophoblast (at protein level). Also found in syncytiotrophoblast and part of the villous cytotrophoblast. Isoform 1 is expressed in first trimester and term villous trophoblast; trophoblast cells can additionally express other isoforms (PubMed:18817979). Overexpressed in solid tumors from stomach and uterus and in cells from ovary, cervical, breast, lymphoma and leukemia cancer (PubMed:25218441).

PIBF1 / PIBF Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

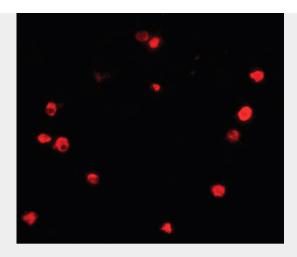
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

PIBF1 / PIBF Antibody (C-Terminus) - Images



Western blot analysis of PIBF1 in human placenta tissue lysate with PIBF1 antibody at (A) 1 and...





Immunofluorescence of PBIF in human spleen tissue with PBIF antibody at 20 ug/ml.

PIBF1 / PIBF Antibody (C-Terminus) - Background

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.

PIBF1 / PIBF Antibody (C-Terminus) - References

Rozenblum E., et al. Hum. Genet. 110:111-121(2002). Lachmann M., et al. Int. J. Cancer 112:51-60(2004). Szekeres-Bartho J., et al. Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases. Dunham A., et al. Nature 428:522-528(2004). Szekeres-Bartho J., et al. Int. Immunopharmacol. 1:1037-1048(2001).