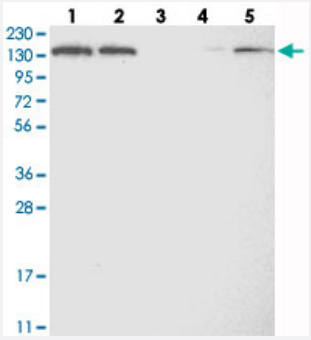
PFAS polyclonal antibody

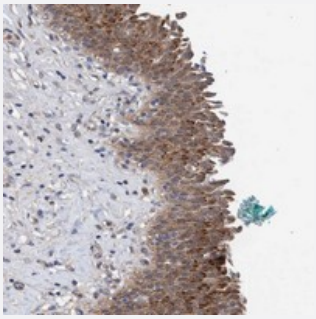
Catalog # PAB21478 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with PFAS polyclonal antibody (Cat # PAB21478).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human urinary bladder with PFAS polyclonal antibody (Cat # PAB21478) shows moderate cytoplasmic positivity in urothelial cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PFAS.
Immunogen	Recombinant protein corresponding to amino acids of human PFAS.
Sequence	LFGCPLLLDDVARESWLLPGSNDLLLEVGPRLNFSTPTSTNIVSVCRATGLGPVDRVETTRRYRL SFAHPPSAEVEAIALATL
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with PFAS polyclonal antibody (Cat # PAB21478).

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Gene Info — PFAS

Entrez GeneID	5198
Protein Accession#	O15067
Gene Name	PFAS
Gene Alias	FGAMS, FGARAT, KIAA0361, PURL
Gene Description	phosphoribosylformylglycinamidine synthase
Omim ID	602133
Gene Ontology	Hyperlink
Gene Summary	Purines are necessary for many cellular processes, including DNA replication, transcription, and e nergy metabolism. Ten enzymatic steps are required to synthesize inosine monophosphate (IMP) in the de novo pathway of purine biosynthesis. The enzyme encoded by this gene catalyzes the fo urth step of IMP biosynthesis. [provided by RefSeq

Other Designations	FGAM synthase|FGAR amidotransferase|formylglycinamide ribotide amidotransferase|formylglycinamide ribotide synthetase

Pathway

- Metabolic pathways
- Purine metabolism

Disease

- Tobacco Use Disorder