

Datasheet for ABIN2782529  
**anti-PFAS antibody (N-Term)**[Go to Product page](#)

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## Overview

Quantity:	100 µL
Target:	PFAS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFAS antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PFAS
Sequence:	ESIMSTQESS NPNNVLFKCD NSSAIQGKEV RFLRPEDPTR PSRFQQQQGL
Predicted Reactivity:	Cow: 83%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 92%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against PFAS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	PFAS
Alternative Name:	PFAS ( <a href="#">PFAS Products</a> )

## Target Details

Background:	<p>Purines are necessary for many cellular processes, including DNA replication, transcription, and energy metabolism. Ten enzymatic steps are required to synthesize inosine monophosphate (IMP) in the de novo pathway of purine biosynthesis. PFAS catalyzes the fourth step of IMP biosynthesis. Purines are necessary for many cellular processes, including DNA replication, transcription, and energy 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 fourth step of IMP biosynthesis.</p> <p>Alias Symbols: FGAMS, FGARAT, KIAA0361, PURL</p> <p>Protein Interaction Partner: UBC, SUMO2, TNRC6B, GINS3, ISOC1, BZW2, DCPS, MAT2B, ABHD14A, ERP44, PDCD10, FERMT2, NPEPPS, CNBP, YWHAZ, VCL, RAP1GDS1, PAK2, MSN, LDHB, HSPA9, EIF5, EEF2, ECHS1, DFFA, CKB, CAPN1, SGTA, XIAP, UBR1, USP28, PPP6R3, ZNF593, SEPHS1, CHERP, PRDX6, USP14, UBD</p> <p>Protein Size: 1338</p>
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Molecular Weight:	145 kDa
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Gene ID:	5198
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NCBI Accession:	<a href="#">NM_012393</a> , <a href="#">NP_036525</a>
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UniProt:	<a href="#">O15067</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 1338 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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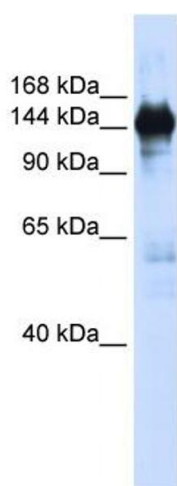
## Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

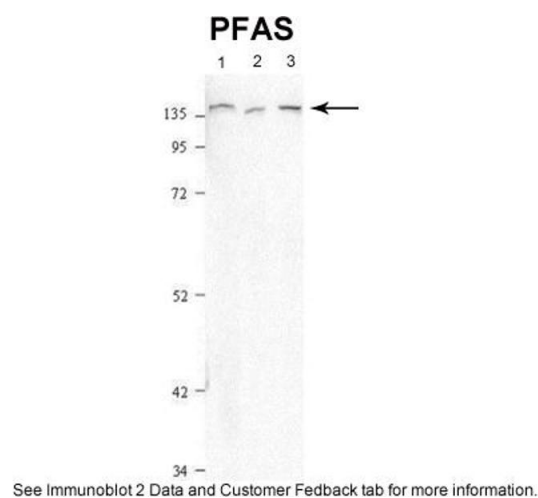
Product cited in:	Suzuki, Fujisawa, Ando, Niino, Ohsawa, Shimokata, Ohta: "Alcohol dehydrogenase 2 variant is associated with cerebral infarction and lacunae." in: <b>Neurology</b> , Vol. 63, Issue 9, pp. 1711-3, (2004) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** WB Suggested Anti-PFAS Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate PFAS is supported by BioGPS gene expression data to be expressed in HEK293T



### Western Blotting

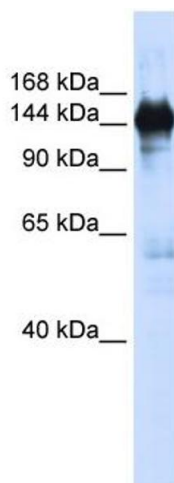
**Image 2. Sample Type:** 1. Human Skin Fibroblasts (100ug)  
2. HEK273 cells (20ug)  
3. HeLa skin cells(20ug)

**Primary Dilution:** 1:2000

**Secondary Antibody:** Clean-Blot IP detection Reagent and Kit

**Secondary Dilution:** 1:2000

**Image Submitted By:** V. Skopova, M. Zikanova  
Institute of Inherited Metabolic Disorders, Charles University in Prague and General Hopspital in Prague



#### Western Blotting

##### Image 3. WB Suggested Anti-PFAS

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: 93T cell lysate

PFAS is supported by BioGPS gene expression data to be expressed in HEK293T

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2782529.