


## Product datasheet

# Anti-PFAS antibody ab82755

[1 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-PFAS antibody
<b>Description</b>	Rabbit polyclonal to PFAS
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Horse, Guinea pig, Cat 
<b>Immunogen</b>	Synthetic peptide corresponding to a region within N terminal amino acids 252-301 (ESIMSTQESS NPNNVLKFCN NSSAIQGKEV RFLRPEDPTR PSRFQQQQGL) of Human PFAS (NP_036525). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	293T cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab82755** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

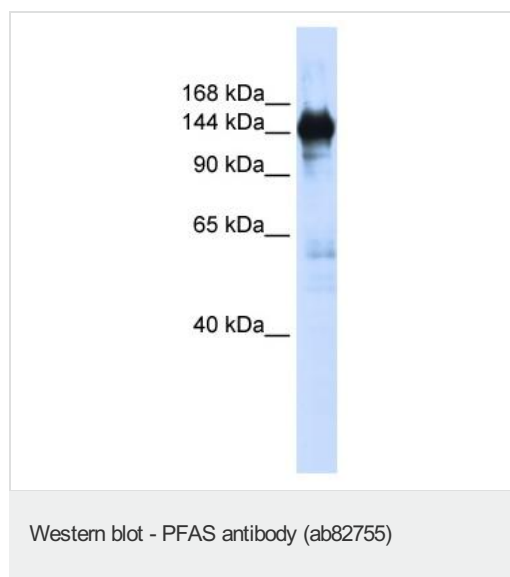
Application	Abreviews	Notes
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Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Titre using peptide based assay: 1/312500.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 145 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Relevance</b>	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.
<b>Cellular localization</b>	Cytoplasmic

## Images



Anti-PFAS antibody (ab82755) at 1 µg/ml (in 5% skim milk / PBS buffer) + 293T cell lysate at 10 µg

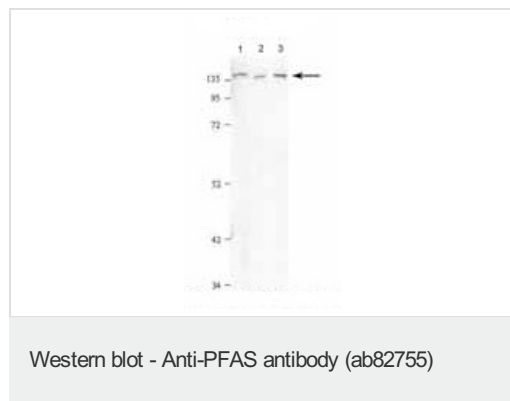
### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 145 kDa

**Observed band size:** 145 kDa

Gel concentration: 6-18%



**All lanes :** Anti-PFAS antibody (ab82755) at 1/2000 dilution

**Lane 1 :** Human Skin Fibroblasts at 100 µg

**Lane 2 :** HEK273 cells at 20 µg

**Lane 3 :** HeLa cells at 20 µg

**Predicted band size:** 145 kDa

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