

Product datasheet

Anti-PFAS antibody ab82755

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

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	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.

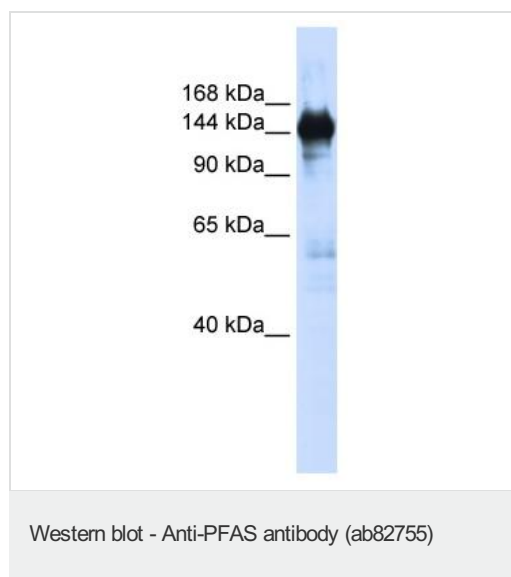
Application	Abreviews	Notes
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Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Titre using peptide based assay: 1/312500.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 145 kDa. Good results were obtained when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

Target

Relevance	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.
Cellular localization	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%



Western blot - Anti-PFAS antibody (ab82755)

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

Lane 1 : Human Skin Fibroblasts at 100 μ g

Lane 2 : HEK273 cells at 20 μ g

Lane 3 : HeLa cells at 20 μ g

Predicted band size: 145 kDa

WB Suggested Anti-EPB41 antibody
([ab98854](#)) Titration: 3.3 μ g/ml Positive
Control: *Xenopus laevis* embryos

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