

Anti-alpha 1 Fetoprotein antibody ab87635

[1 References](#) [1 Image](#)

Overview

Product name	Anti-alpha 1 Fetoprotein antibody
Description	Rabbit polyclonal to alpha 1 Fetoprotein
Host species	Rabbit
Specificity	ab87635 does not cross react to human lactoferrin, bovine lactoferrin or bovine serum albumin.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human alpha 1 Fetoprotein. Purified human alpha 1 Fetoprotein.
Positive control	alpha 1 fetoprotein
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Purity	Immunogen affinity purified
Purification notes	ab87635 was affinity-purified and isolated on immobilized antigen-affinity column and supplied as stabilized product.
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab87635 in the following tested applications.

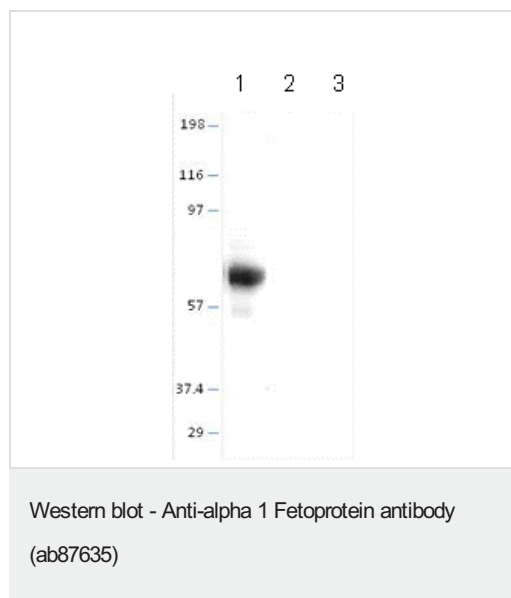
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500. Predicted molecular weight: 69 kDa.

Target

Function	Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties.
Tissue specificity	Plasma. Synthesized by the fetal liver and yolk sac.
Sequence similarities	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
Developmental stage	Occurs in the plasma of fetuses more than 4 weeks old, reaches the highest levels during the 12th-16th week of gestation, and drops to trace amounts after birth. The serum level in adults is usually less than 40 ng/ml. AFP occurs also at high levels in the plasma and ascitic fluid of adults with hepatoma.
Post-translational modifications	Independent studies suggest heterogeneity of the N-terminal sequence of the mature protein and of the cleavage site of the signal sequence. Sulfated.
Cellular localization	Secreted.

Images



All lanes : Anti-alpha 1 Fetoprotein antibody (ab87635) at 1/500 dilution

Lane 1 : Human alpha Fetoprotein

Lane 2 : Human Lactoferrin

Lane 3 : Human serum albumin

Predicted band size: 69 kDa

Observed band size: 69 kDa

Additional bands at: 57 kDa (possible degradation product)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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