

## Product datasheet

# Anti-alpha 1 Fetoprotein antibody ab31130

### 概述

产品名称	Anti-alpha 1 Fetoprotein抗体
描述	鸭多克隆抗体to alpha 1 Fetoprotein
宿主	Duck
特异性	A single arc was shown by Immunoelectrophoresis while the antibody was reacting with part pure alpha fetoprotein and normal human serum.
经测试应用	适用于: WB, Immunodiffusion, ELISA, Immunoelectrophoresis
种属反应性	与反应: Human
免疫原	Purified human alpha fetoprotein.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 140mM Sodium chloride, 10mM PBS, pH 7.2
纯度	Immunogen affinity purified
纯化说明	Ab31130, an affinity purified IgY(delta Fc), is purified by alpha fetoprotein coupling chromatography. Purity was determined by SDS PAGE (blue stain), showing that the IgY(delta Fc) constitute was >90% of total protein, and the IgY and IgY(delta Fc) constitute was >95% of total protein.
克隆	多克隆
同种型	IgY

### 应用

Our [Abpromise guarantee](#) covers the use of **ab31130** in the following tested applications.

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

应用	Ab评论	说明
WB		Use at an assay dependent dilution. Predicted molecular weight: 69 kDa.

应用	Ab评论	说明
Immunodiffusion		Use at an assay dependent dilution.
ELISA		1/5000.
Immunoelectrophoresis		Use at an assay dependent dilution.

## 靶标

功能	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.
组织特异性	Plasma. Synthesized by the fetal liver and yolk sac.
序列相似性	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
发展阶段	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.
翻译后修饰	Independent studies suggest heterogeneity of the N-terminal sequence of the mature protein and of the cleavage site of the signal sequence. Sulfated.
细胞定位	Secreted.

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