
AFP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254328

Unit: 0.1 mg

Description:

Alpha-fetoprotein (AFP) is a major plasma protein produced by the yolk sac and the liver during fetal development. In adults, AFP expression is often associated with hepatoma or teratoma. However, hereditary persistence of AFP may also be found in individuals with no obvious pathology. AFP is thought to be the fetal counterpart of serum albumin, and the AFP and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. AFP is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. AFP levels in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: AFP; Alpha-fetoprotein; FETA; HPAFP

Accession No.: NP_001125

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human AFP.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.