

CAB22053

Product Information

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| Product SKU: | CAB22053 | Gene ID: | 174 | Size: | 20uL, 100uL |
| Clone No: | ARC54866 | Host Species: | Rabbit | Reactivity: | Human |

Additional Information

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| Observed MW: | 65kDa | Conjugate: | - |
| Calculated MW: | 69kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatocarcinoma and with teratoma, and has prognostic value for managing advanced gastric cancer. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly. |
| Recommended Dilution: | WB,1:1000 - 1:5000 |
| Synonyms: | AFPD; FETA; HPAFP; Alpha-Fetoprotein (AFP) |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 19-609 of human Alpha-Fetoprotein (AFP) (NP_001125.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3. |