Leader in Biomolecular Solutions for Life Science

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Fibrinogen alpha chain (FGA) Rabbit pAb

Catalog No.: A1453

Basic Information

Observed MW
95kDa/60-70kDa

Calculated MW
95kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes the alpha subunit of the coagulation factor fibrinogen, which is a component of the blood clot. Following vascular injury, the encoded preproprotein is proteolytically processed by thrombin during the conversion of fibrinogen to fibrin. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID
2243

Swiss Prot
P02671

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 410-559 of human Fibrinogen alpha chain (FGA) (NP_000499.1).

Synonyms
Fib2; Fibrinogen alpha chain (FGA)

Contact

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Product Information

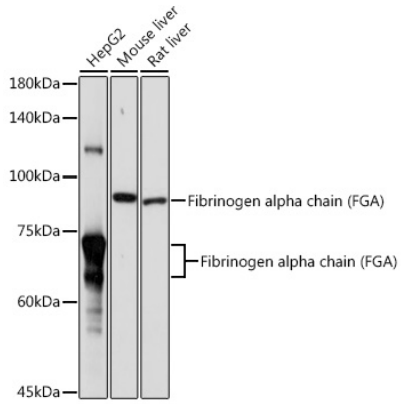
Source
Rabbit

Isotype
IgG

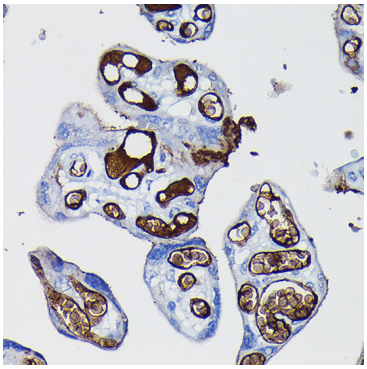
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Fibrinogen alpha chain (FGA) Rabbit pAb (A1453) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunohistochemistry analysis of Fibrinogen alpha chain (FGA) in paraffin-embedded human placenta using Fibrinogen alpha chain (Fibrinogen alpha chain (FGA)) Rabbit pAb (A1453) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.