

Anti-FSTL1 Antibody

Catalog Number: A03717-1

About FSTL1

Follistatin-like 1 (FSTL1), initially discovered as a TGF-beta1-induced gene, encodes a 308 amino acid secreted 45-55 kDa glycoprotein with a follistatin domain and two non-functional calcium-binding motifs. FSTL1 has been reported to be involved in the fate determination and maturation of epithelial cells. Ablation of the FSTL1 gene in the mouse results in several structural developmental defects and neonatal lethality due to respiratory failure, demonstrating its functional importance. FSTL1 has been reported to exhibit both pro- and anti-inflammatory actions, with a specific anti-apoptotic and protective effect in cardiac or renal cell injury. Zwijsen et al. (1994) detected several isoforms of FSTL1 with molecular masses of 40 to 48 kD which differs from the 50- to 55-kD products detected by Tanaka et al. (1998) (OMIM). (PMID: 26386648; PMID: 23723173; PMID: 20176958).

Overview

Product Name	Anti-FSTL1 Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-FSTL1 Antibody catalog # A03717-1. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Rat.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q12841

Technical Details

Immunogen	E.coli-derived human FSTL1 recombinant protein (Position: K3-K306).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-400
ELISA, 1:100-1000

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Anti-FSTL1 Antibody

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