

Rabbit Anti-Sheep Eukaryotic Translation Initiation Factor 4E-Binding Protein 1 (EIF4EBP1) Polyclonal Antibody

Cat. No.: VD12N513

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic rabbit polyclonal antibody is specific for sheep eukaryotic translation initiation factor 4E-binding protein 1. It is purified by affinity chromatography. It can be applied to WB, IHC, IF and ELISA assays of sheep eukaryotic translation initiation factor 4E-binding protein 1.

Specifications

Application	WB; IHC; IF; ELISA
Clonality	Polyclonal
Classification	Primary Antibody
Clone	M6N19
Host	Rabbit
Target Species	Sheep
Species Reactivity	Sheep
Specificity	Sheep Eukaryotic Translation Initiation Factor 4E-Binding Protein 1
Isotype	IgG
Immunogen	Synthesized peptide of eukaryotic translation initiation factor 4E-binding protein 1
Purification	Purified by Affinity Chromatography
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol and 0.5% BSA
Physical State	Liquid

Target Information

Sheep EIF4EBP1 (eukaryotic translation initiation factor 4E-binding protein 1) is a key regulator of translation initiation. It inhibits cap-dependent translation by binding to eIF4E and competing with eIF4G, thus preventing the assembly of the eIF4F complex. This protein is regulated by phosphorylation through pathways such as mTOR and PI3K/Akt, which modulate its activity in response to growth factors and stress.

Target	Sheep Eukaryotic Translation Initiation Factor 4E-Binding Protein 1
Target Synonym	EIF4EBP1
Gene ID	101111426
UniProt ID	W5NSM4

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.