

Rabbit Anti-Bovine Transportin 1 (TNPO1) Polyclonal Antibody

Cat. No.: VD11N825

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for bovine transportin 1. It is affinity purified by protein A. It can be applied to WB, IHC and IF/ICC assays of bovine transportin 1.

Specifications

Application	WB; IHC; IF/ICC
Clonality	Polyclonal
Classification	Primary Antibody
Clone	J15N1
Host	Rabbit
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine Transportin 1
Immunogen	Recombinant protein of transportin 1
Purification	Protein A Purified
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Bovine transportin 1 (TNPO1), also known as karyopherin β 2, is a nuclear import receptor that plays a significant role in nucleo-cytoplasmic transport. It interacts with nuclear localization signals (NLS) to target nuclear proteins to the nucleus. TNPO1 recognizes the PY (proline-tyrosine) NLS motif in cargo proteins, facilitating their transport into the nucleus. This receptor is crucial for the nuclear import of various proteins, including RNA-binding proteins like hnRNP A1 and FUS, and is involved in processes such as DNA repair, cell division, and immune regulation.

Target	Bovine Transportin 1
Target Synonym	TNPO1
Gene ID	767620
UniProt ID	Q3SYU7

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.