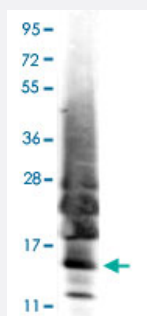


IL13 polyclonal antibody

Catalog # PAB16913 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot using IL13 polyclonal antibody (Cat # PAB16913) shows detection of recombinant swine IL13 at 13.2 KDa (arrow) raised in yeast. Multiple bands are expected of the glycosylated protein. Protein was purified and resolved by SDS-PAGE, then transferred to PVDF membrane. Membrane was blocked with 3% BSA (BSA-30, diluted 1 : 10), and probed with IL13 polyclonal antibody. After washing, membrane was probed with Dylight™ 649 Conjugated Anti-Rabbit IgG (H&L) (Donkey) Antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant IL13.
Immunogen	Recombinant protein corresponding to full length swine IL13.
Host	Rabbit
Reactivity	Bovine, Pig, Sheep
Form	Lyophilized
Recommend Usage	ELISA (1:11000) Western Blot (1.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

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- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [PEBP1 Acts as a Rheostat Between Prosurvival Autophagy and Ferroptotic Death in Asthmatic Epithelial Cells.](#)

Jinming Zhao, Haider H Dar, Yanhan Deng, Claudette M St Croix, Zhipeng Li, Yoshinori Minami, Indira H Shrivastava, Yulia Y Tyurina, Emily Etling, Joel C Rosenbaum, Tadao Nagasaki, John B Trudeau, Simon C Watkins, Ivet Bahar, Hülya Bayır, Andy P VanDemark, Valerian E Kagan, Sally E Wenzel.

PNAS 2020 Jun; 117(25):14376.

Application: WB-Ce, WB-Tr, Human, Human airway epithelial cells

- [Functional implications for signaling via the IL4R/IL13R complex on bovine cells.](#)

Trigona WL, Brown WC, Estes DM.

Veterinary Immunology and Immunopathology 1999 Dec; 72(1-2):73.