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IL17B Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12002C

Specification

IL17B Antibody (Center) - Product Information

Application	**WB, IF, IHC-P,E**
Primary Accession	Q9UHF5
Other Accession	NP_055258.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**20437**
Antigen Region	**39-66**

IL17B Antibody (Center) - Additional Information

Gene ID 27190

Other Names
Interleukin-17B, IL-17B, Cytokine Zcyto7, Interleukin-20, IL-20, Neuronal interleukin-17-related factor, IL17B, IL20, NIRF, ZCYTO7

Target/Specificity
This IL17B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-66 amino acids from the Central region of human IL17B.

Dilution
WB~~1:1000
IF~~1:10~50
IHC-P~~1:10~50
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
IL17B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

IL17B Antibody (Center) - Protein Information

Name IL17B

Synonyms IL20, NIRF, ZCYTO7

Function Stimulates the release of tumor necrosis factor alpha and IL- 1-beta from the monocytic cell line THP-1.

Cellular Location
Secreted.

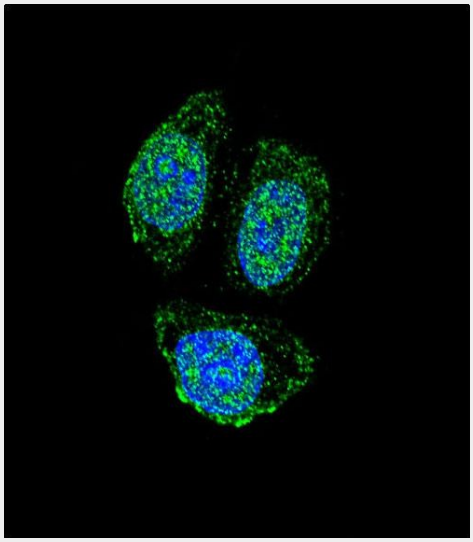
Tissue Location
Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary

IL17B Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL17B Antibody (Center) - Images



Confocal immunofluorescent analysis of IL17B Antibody (Center) (Cat#AP12002c) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

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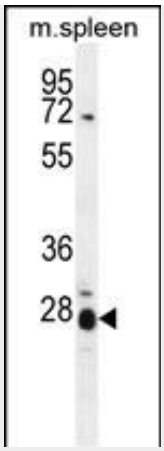
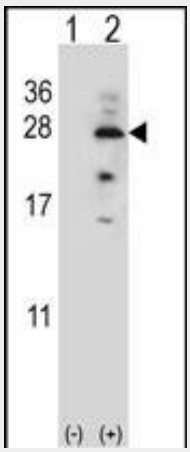
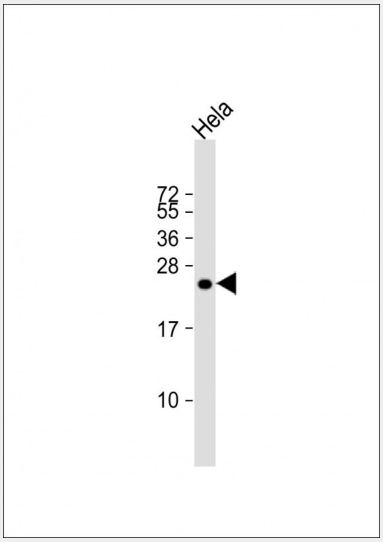


IL17B Antibody (Center) (Cat. #AP12002c) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the IL17B antibody detected the IL17B protein (arrow).



Western blot analysis of IL17B (arrow) using rabbit polyclonal IL17B Antibody (Center) (Cat. #AP12002c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IL17B gene.



Anti-IL17B Antibody (Center) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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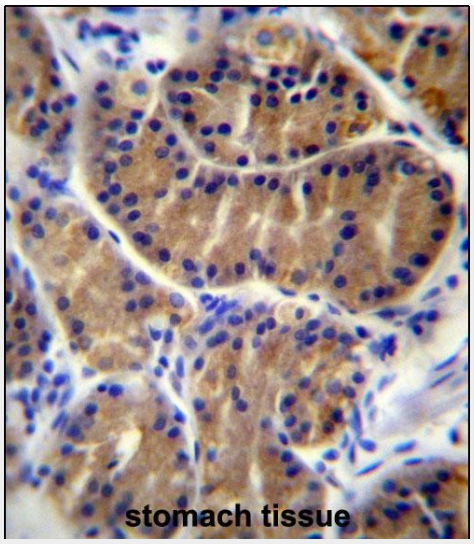

IL17B Antibody (Center) (Cat. #AP12002c)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IL17B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

IL17B Antibody (Center) - Background

The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies.

IL17B Antibody (Center) - References

Koskinen, L.L., et al. Tissue Antigens 74(5):408-416(2009)
Wang, X., et al. Ann. Otol. Rhinol. Laryngol. 115(6):450-456(2006)
Ryan, A.W., et al. Tissue Antigens 65(2):150-155(2005)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
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