

Product Datasheet

Fyn Antibody - BSA Free NBP1-82685

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-82685

Fyn Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Host	Rabbit
Gene ID	2534
Gene Symbol	FYN
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SFGVTSIPNYNNFHAAGGQGLTVFGGVNSSSHTGTLRTRGGTGVTLFVALYDY EARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPVDSIQA EEWYFGKLGRKDAERQLLSFGNPRGTFLIRESETTKGAYSLSIR

Product Application Details

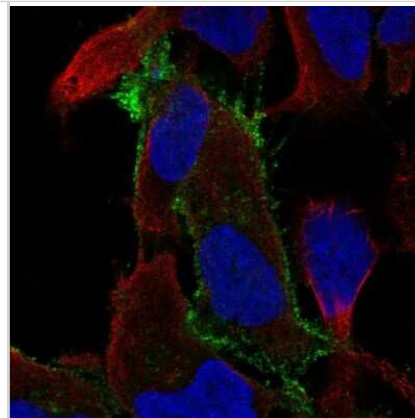
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

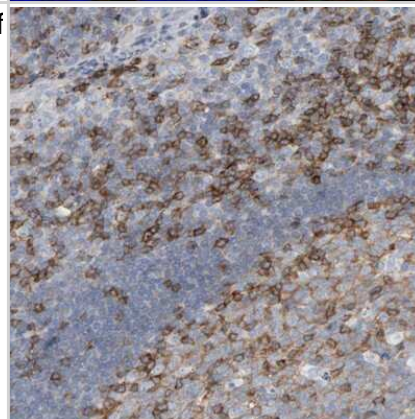
Western Blot: Fyn Antibody [NBP1-82685] - Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2,. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Immunocytochemistry/Immunofluorescence: Fyn Antibody [NBP1-82685]
 - Staining of human cell line AF22 shows localization to plasma membrane. Antibody staining is shown in green.



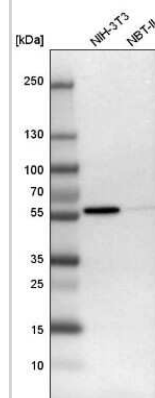
Immunohistochemistry-Paraffin: Fyn Antibody [NBP1-82685] - Staining of human tonsil shows strong cytoplasmic positivity in a subset of reaction center cells and lymphoid cells outside reaction centra.



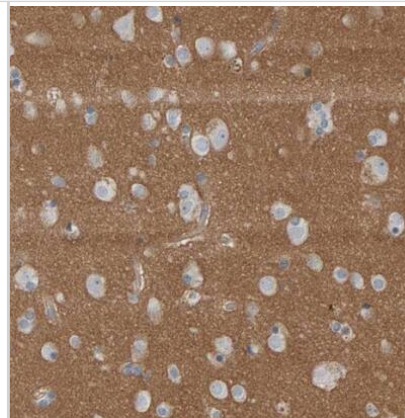
Western Blot: Fyn Antibody [NBP1-82685] - Analysis in human cell line U-87 MG.



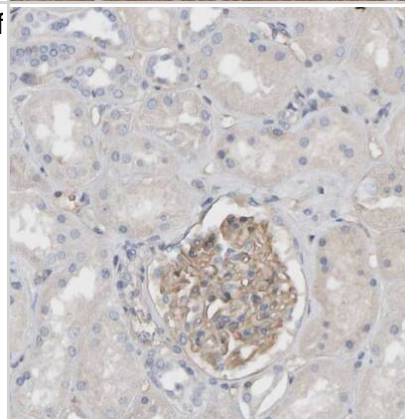
Western Blot: Fyn Antibody [NBP1-82685] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



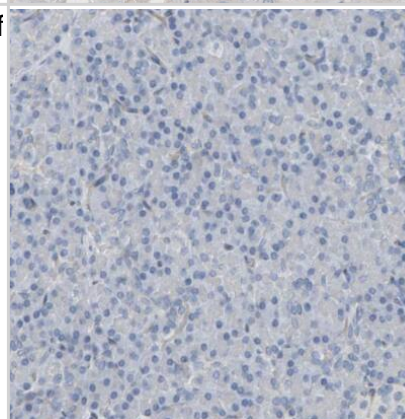
Immunohistochemistry-Paraffin: Fyn Antibody [NBP1-82685] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



Immunohistochemistry-Paraffin: Fyn Antibody [NBP1-82685] - Staining of human kidney shows moderate cytoplasmic positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: Fyn Antibody [NBP1-82685] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Publications

Yang Y, Yao M, Zeng J et al. FYN regulates cell adhesion at the blood-testis barrier and the apical ectoplasmic specialization via its effect on Arp3 in the mouse testis *Frontiers in immunology* 2022-08-09 [PMID: 36016954] (WB, IHC-P, Mouse)

Details:

Male Crl: CD1(ICR) mice, IHC-P - 1:100 dilution, WB - 1:500 dilution

Miyamoto Y, Torii T, Takada S et al. Involvement of the Tyro3 receptor and its intracellular partner Fyn signaling in Schwann cell myelination. *Mol Biol Cell* 2015-10-01 [PMID: 26224309] (WB, Mouse)



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Products Related to NBP1-82685

NBP1-82685PEP	Fyn Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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