

Product Datasheet

CCDC124 Antibody - BSA Free

NBP2-48858

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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NBP2-48858

CCDC124 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

Description	Novus Biologicals Rabbit CCDC124 Antibody - BSA Free (NBP2-48858) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CCDC124 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	115098
Gene Symbol	CCDC124
Species	Human
Reactivity Notes	Mouse (84%), Rat (82%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: LEDAYWKDDDKHVMRKEQRKEEKEKRRLDQLERKKETQRLLEEEDSKLKGGK APRVATSSKVTRAQIEDTLRRDHQLRE

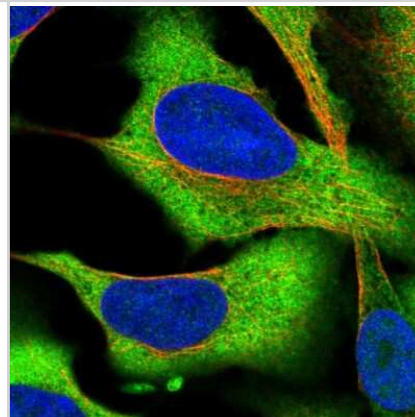
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 31044552), Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

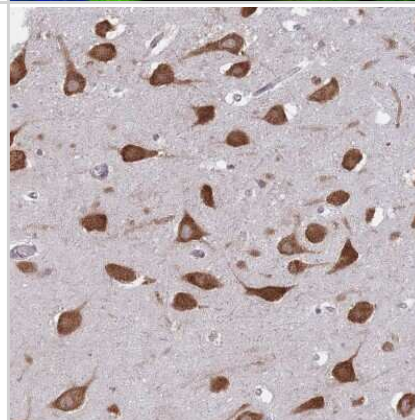


Images

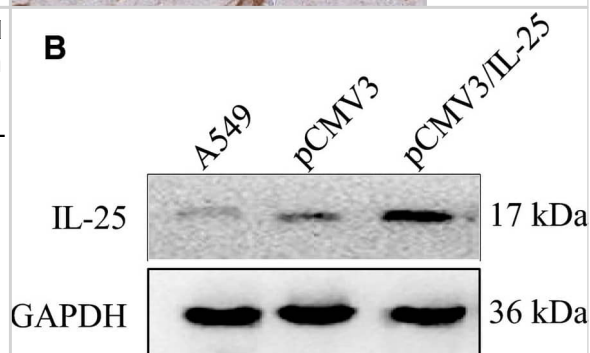
Immunocytochemistry/Immunofluorescence: CCDC124 Antibody [NBP2-48858] - Immunofluorescent staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



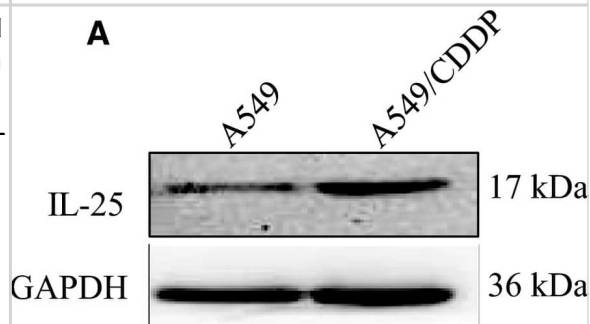
Immunohistochemistry-Paraffin: CCDC124 Antibody [NBP2-48858] - Staining of human hippocampus shows strong cytoplasmic positivity in neuronal cells.



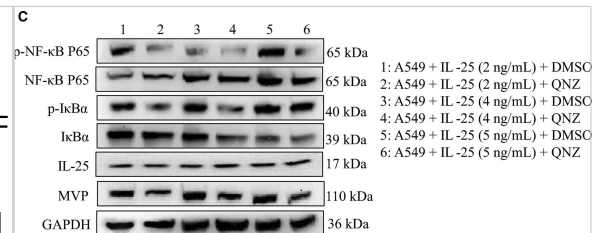
Western Blot: CCDC124 Antibody [NBP2-48858] - The expression of IL-25 affects the cisplatin resistance of lung cancer cells. A, The expression of IL-25 in A549 & A549/CDDP cells. B, IL-25 overexpressed in A549 cells. C, silence of IL-25 expression by siRNA in A549/CDDP cells. D, IL-25 overexpression desensitizes A549 cells to cisplatin treatment. E, Silence of IL-25 expression sensitizes A549/CDDP cells to cisplatin treatment. *P < 0.01 vs indicated controls, all figures represent the average of three sets of independent experiments Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31044552>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



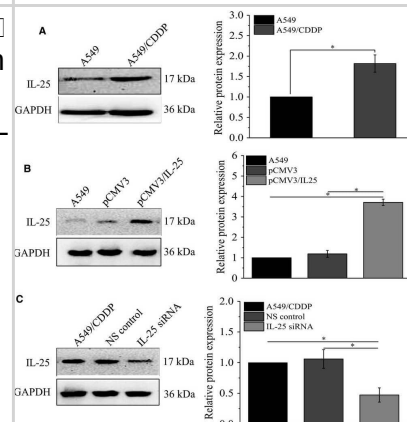
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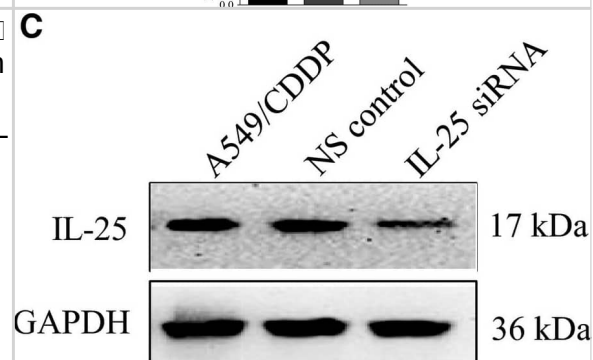
Western Blot: CCDC124 Antibody [NBP2-48858] - IL-25 regulates the NF- κ B signaling pathway activity. A, The change of NF- κ B signaling pathway in IL-25 overexpressed A549 cells & IL-25 silenced A549/CDDP cells. B, The effect of exogenous IL-25 on the activity of NF- κ B signaling pathway in A549 cells. C, QNZ blocks the effect of exogenous IL-25 on the expression of major vault protein (MVP) & the activity of NF- κ B signaling pathway in A549 cells. *P < 0.01 vs indicated controls, all figures represent the average of three sets of independent experiments Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31044552>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Publications

Shen W, Qiu Y, Li J, Wu C et al. IL-25 promotes cisplatin resistance of lung cancer cells by activating NF- κ B signaling pathway to increase of major vault protein Cancer Med 2019-05-01 [PMID: 31044552] (WB, Human)



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Products Related to NBP2-48858

NBP2-48858PEP	CCDC124 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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