

Product Datasheet

CBR1 Antibody - BSA Free

NBP1-86595

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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NBP1-86595

CBR1 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
Target Molecular Weight	30 kDa

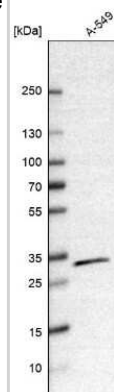
Product Description	
Host	Rabbit
Gene ID	873
Gene Symbol	CBR1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TPFHIQAEVTMKTNFFGTRDVCTELLPLIKPQGRVVNVSSIMSVRALKSCSPEL QQKFRSETITEEELVGLMNKFVE

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

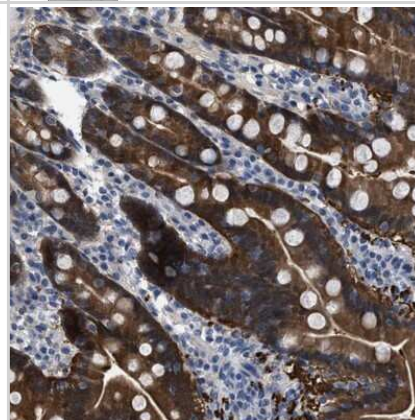


Images

Western Blot: CBR1 Antibody [NBP1-86595] - Analysis in human cell line A-549.



Immunohistochemistry-Paraffin: CBR1 Antibody [NBP1-86595] - Staining of human duodenum shows strong positivity in glandular cells.



Publications

Xiao L, De Jesus DF, Ju CW, Wei JB et al. m(6)A mRNA methylation in brown fat regulates systemic insulin sensitivity via an inter-organ prostaglandin signaling axis independent of UCP1 Cell Metab 2024-09-10 [PMID: 39255799]

Yokoyama M, Fujita T, Kadonosawa Y et al. Development of transgenic mice overexpressing mouse carbonyl reductase 1 Molecular biology reports 2022-11-09 [PMID: 36352178]

Lee MK, Noh JK, Woo SR et al. Prognostic Significance of the BIRC2-BIRC3 Gene Signature in Head and Neck Squamous Cell Carcinoma Cancer genomics & proteomics 2022-08-19 [PMID: 35985688] (WB, Human)

Bell R, Villalobos E, Nixon M et al. Carbonyl reductase 1 amplifies glucocorticoid action in adipose tissue and impairs glucose tolerance in lean mice Molecular metabolism 2021-03-27 [PMID: 33785425] (WB, Mouse)

Yun M, Choi AJ, Lee YC et al. Carbonyl reductase 1 is a new target to improve the effect of radiotherapy on head and neck squamous cell carcinoma. Oncol Lett. 2018-11-12 [PMID: 30376862] (WB, Human)



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Products Related to NBP1-86595

NBP1-86595PEP	CBR1 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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