

Product Datasheet

BCKDK Antibody - BSA Free

NBP2-15553

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 2

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Updated 9/25/2025 v.20.1

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NBP2-15553

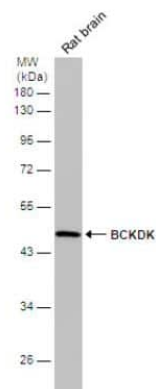
BCKDK Antibody - BSA Free

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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	46 kDa
Product Description	
Description	Novus Biologicals Rabbit BCKDK Antibody - BSA Free (NBP2-15553) is a polyclonal antibody validated for use in IHC and WB. Anti-BCKDK Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10295
Gene Symbol	BCKDK
Species	Human, Mouse, Rat
Reactivity Notes	Zebrafish (85%), Xenopus laevis (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human BCKDK. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

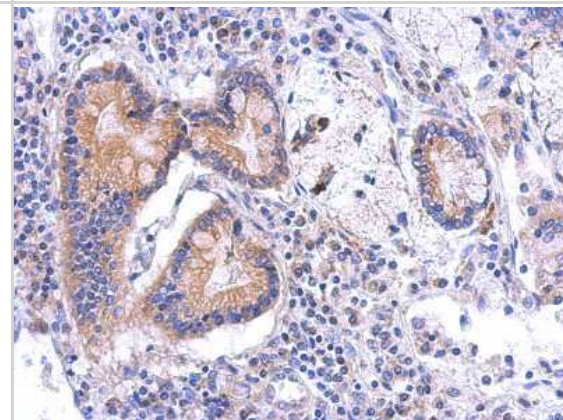


Images

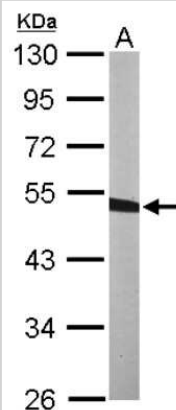
Western Blot: BCKDK Antibody [NBP2-15553] - Rat tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with BCKDK antibody [N1C2] diluted at 1:1000.



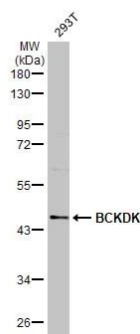
Immunohistochemistry-Paraffin: BCKDK Antibody [NBP2-15553] - Immunohistochemical analysis of paraffin-embedded gastric ca, using antibody at 1:500 dilution.



Western Blot: BCKDK Antibody [NBP2-15553] - Sample (50 ug of whole cell lysate) A: Mouse Brain, 10% SDS PAGE gel, diluted at 1:1000.



Western Blot: BCKDK Antibody [NBP2-15553] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with BCKDK antibody [N1C2] (NBP2-15553) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Wada E, Kobayashi M, Kohno D et al. Disordered branched chain amino acid catabolism in pancreatic islets is associated with postprandial hypersecretion of glucagon in diabetic mice: Postprandial hypersecretion of glucagon in diabetes *The Journal of nutritional biochemistry* 2021-06-28 [PMID: 34197915] (WB, Mouse)

Shao D, Villet O, Zhang Z et al. Glucose promotes cell growth by suppressing branched-chain amino acid degradation. *Nat Commun.* 2018-07-26 [PMID: 30050148] (WB, Human)





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Products Related to NBP2-15553

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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