

# Product Datasheet

## BCKDHA Antibody (HL2405) - Azide and BSA Free NBP3-25380

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-25380](http://www.novusbio.com/NBP3-25380)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-25380](http://www.novusbio.com/reviews/destination/NBP3-25380)



**NBP3-25380**

BCKDHA Antibody (HL2405) - Azide and BSA Free

Product Information	
Unit Size	100 ul
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	Monoclonal
Clone	HL2405
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	50 kDa

Product Description	
Description	Novus Biologicals Rabbit BCKDHA Antibody (HL2405) - Azide and BSA Free (NBP3-25380) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	593
Gene Symbol	BCKDHA
Species	Human, Mouse, Zebrafish
Immunogen	Recombinant fragment of human BCKDHA.

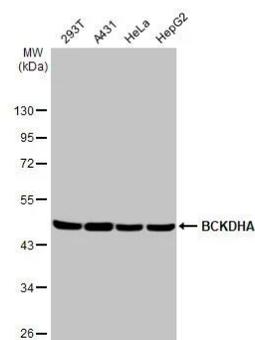
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin Assay dependent

**Images**

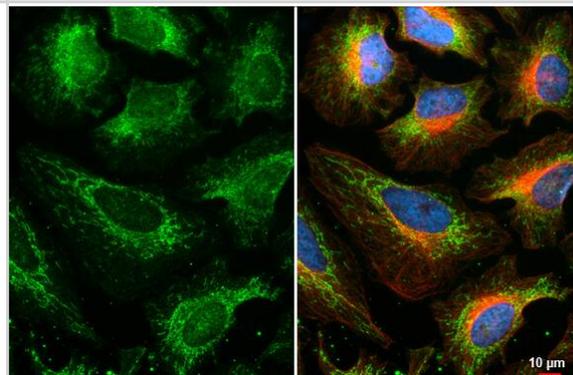
Western Blot: BCKDHA Antibody (HL2405) - Azide and BSA Free [NBP3-25380] - Whole zebrafish extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with BCKDHA antibody [HL2405] (NBP3-25380) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



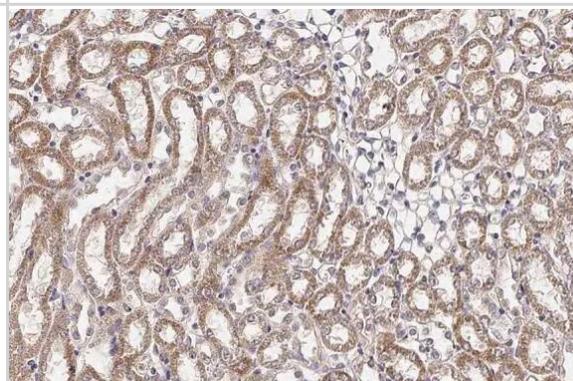
**Western Blot: BCKDHA Antibody (HL2405) - Azide and BSA Free [NBP3-25380]** - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with BCKDHA antibody [HL2405] (NBP3-25380) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



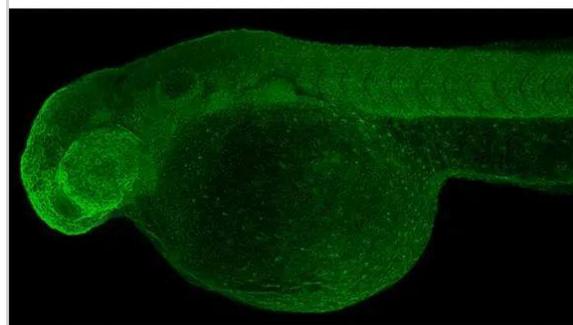
**Immunocytochemistry/Immunofluorescence: BCKDHA Antibody (HL2405) - Azide and BSA Free [NBP3-25380]** - BCKDHA antibody [HL2405] detects BCKDHA protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: BCKDHA stained by BCKDHA antibody [HL2405] (NBP3-25380) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI.



**Immunohistochemistry-Paraffin: BCKDHA Antibody (HL2405) - Azide and BSA Free [NBP3-25380]** - BCKDHA antibody [HL2405] detects BCKDHA protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. BCKDHA stained by BCKDHA antibody [HL2405] (NBP3-25380) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**BCKDHA antibody [HL2405] detects BCKDHA protein on whole mount zebrafish by immunohistochemical analysis.** Sample: Paraformaldehyde-fixed 2 days-post-fertilization zebrafish embryo. Green: BCKDHA stained by BCKDHA antibody [HL2405] (NBP3-25380) diluted at 1:100. Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70C





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-25380**

---

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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-25380](http://www.novusbio.com/reviews/submit/NBP3-25380)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

