

# Product Datasheet

## ERAB Antibody NB300-887

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB300-887](http://www.novusbio.com/NB300-887)

Updated 10/23/2024 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/NB300-887](http://www.novusbio.com/reviews/destination/NB300-887)



**NB300-887**

ERAB Antibody

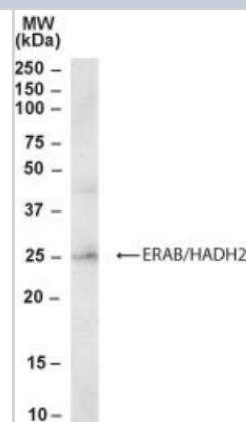
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3028
Gene Symbol	HSD17B10
Species	Human, Mouse
Reactivity Notes	Mouse reactivity determined by Western Blot reported in scientific literature (PMID: 17436268).
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms.
Immunogen	Peptide with sequence CIRLDGAIRMQP corresponding to C-Terminus according to NP_004484.1, NP_001032900.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 2 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 25 kDa band observed in human brain lysates (calculated MW of 26.9 kDa band according to NP_004484). A minor band of unknown identity was also consistently observed at appr 38 kDa. This band was successfully blocked by incubation with the immunizing peptide.

**Images**

Western Blot: ERAB Antibody [NB300-887] - Analysis of ERAB / HADH2 in Human Brain lysate (RIPA buffer, 30ug total protein per lane) using this antibody at 0.3ug/ml. Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



## Publications

He XY, Schulz H, Yang SY. A human brain L-3-hydroxyacyl-coenzyme A dehydrogenase is identical to an amyloid beta-peptide-binding protein involved in Alzheimer's disease. *J Biol Chem* 1998-04-24 [PMID: 9553139]

Tilton RG, Haidacher SJ, Lejeune WS et al. Diabetes-induced changes in the renal cortical proteome assessed with two-dimensional gel electrophoresis and mass spectrometry. *Proteomics*. 2007-05-01 [PMID: 17436268] (WB, Mouse)

Details:

WB (mouse tissue lysates), Fig. 4.





### **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 NB300-887**

---

NBL1-11722	ERAB Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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/NB300-887](http://www.novusbio.com/reviews/submit/NB300-887)

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



