

# Product Datasheet

## **BACE-1 Antibody [Alexa Fluor™ Plus 680] NBP1-77307AFP680**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-77307AFP680**

BACE-1 Antibody [Alexa Fluor™ Plus 680]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor Plus 680
Purity	Peptide affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	23621
Gene Symbol	BACE1
Species	Human, Mouse
Specificity/Sensitivity	Human BACE-1 has 6 isoforms, including isoform A (501aa, 55.8kD), isoform B (476aa, 52.9kD), isoform C (457aa, 51.1kD), isoform D (432aa, 48.2kD), isoform 5 (401aa, 45kD) and isoform 6 (376aa, 42.2kD). This antibody detects all human isoforms. Mouse BACE-1 has only 1 isoform (501aa, 55.7kD). Rat BACE-1 has only one isoform identified so far (501aa, 55.8kD).
Immunogen	Antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human BACE. The immunogen is located within the last 50 amino acids of BACE. Amino Acid Sequence: CLRQQHDDFADDISLL
Notes	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





### **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 NBP1-77307AFP680**

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NBP1-77307PEP	BACE-1 Antibody Blocking Peptide
7954-GM-010/CF	GM-CSF [Unconjugated]
931-AS-050	BACE-1 [Unconjugated]
NBP2-13075	beta Amyloid Antibody (MOAB-2) - BSA Free

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### **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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