

Product Datasheet

ErbB4/Her4 Antibody - BSA Free NBP1-33120

Unit Size: 0.1 ml

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

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NBP1-33120

ErbB4/Her4 Antibody - BSA Free

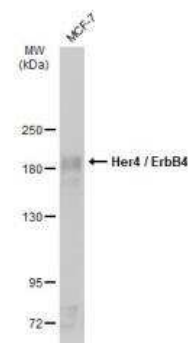
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	147 kDa

Product Description	
Host	Rabbit
Gene ID	2066
Gene Symbol	ERBB4
Species	Human, Mouse, Rat
Reactivity Notes	Chicken (88%), Xenopus laevis (86%).
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human ErbB4/Her4. The exact sequence is proprietary.

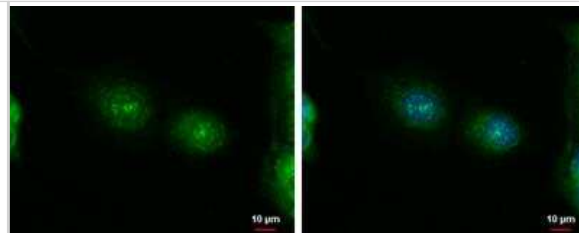
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

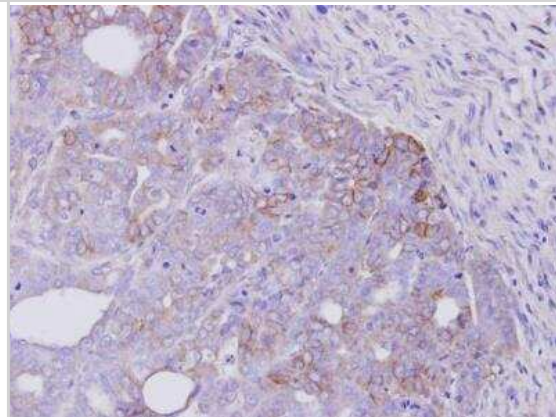
Western Blot: ErbB4/Her4 Antibody [NBP1-33120] - Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Her4 / ErbB4 antibody [C1C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



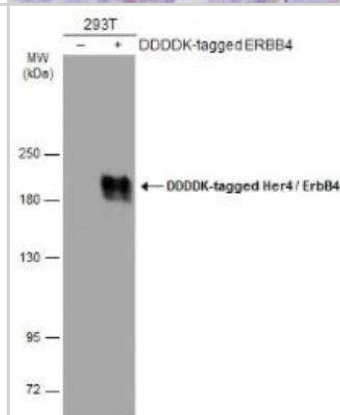
Immunocytochemistry/Immunofluorescence: ErbB4/Her4 Antibody [NBP1-33120] - MCF-7 cells were fixed in ice-cold MeOH for 5 min. Green: ERBB4 protein stained by ERBB4 antibody [C1C3] diluted at 1:500. Blue: Hoechst 33342 staining.



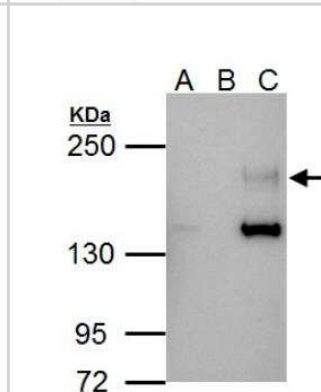
Immunohistochemistry-Paraffin: ErbB4/Her4 Antibody [NBP1-33120] - NCIN87 xenograft, using ERBB4(v-erb-A) antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



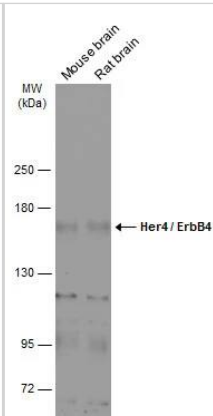
Western Blot: ErbB4/Her4 Antibody [NBP1-33120] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Her4 / ErbB4 antibody [C1C3] diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunoprecipitation: ErbB4/Her4 Antibody [NBP1-33120] - Immunoprecipitation of Her4 / ErbB4 protein from MCF-7 whole cell extract using 4.5 ug of Her4 / ErbB4 antibody [C1C3]. Western blot analysis was performed using Her4 / ErbB4 antibody [C1C3] and diluted at 1:500. EasyBlot HRP-conjugated anti rabbit IgG antibody was used to detect the primary antibody.



Western Blot: ErbB4/Her4 Antibody [NBP1-33120] - Various tissue extracts (50 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ErbB4/Her4 antibody [C1C3] (NBP1-33120) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Keady J, Fisher M, Anderson E et al. Age Specific Impacts of Nicotine and Withdrawal on Hippocampal Neuregulin Signaling *The European journal of neuroscience* 2022-07-28 [PMID: 35899607]

Hsu FN, Yang MS, Lin E et al. The significance of Her2 on androgen receptor protein stability in the transition of androgen requirement in prostate cancer cells. *Am J Physiol Endocrinol Metab* 2011-05-01 [PMID: 21364123] (WB, Human)



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 NBP1-33120

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90371PEP	ErbB4/Her4 Recombinant Protein Antigen

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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