

Product Datasheet

TCF7L2 Antibody (3A4) - Azide and BSA Free H00006934-M06

Unit Size: 0.1 mg

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

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H00006934-M06

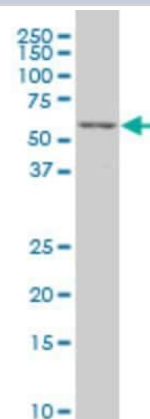
TCF7L2 Antibody (3A4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
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	Monoclonal
Clone	3A4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6934
Gene Symbol	TCF7L2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22796301).
Specificity/Sensitivity	TCF7L2 (3A4)
Immunogen	TCF7L2 (NP_110383, 490 a.a. ~ 596 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SPNLLGSPPRDAKSQTEQTQPLSLSLKPDPLAHL SMMPPPPALLLAEATHKAS ALCPNGALDLPPAALQPAAPSSSIAQPSTSSLHSHSSLAGTQPQPLSLVTKSLE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 22796301).

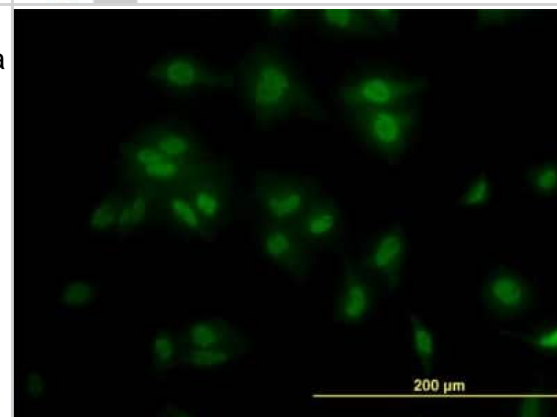


Images

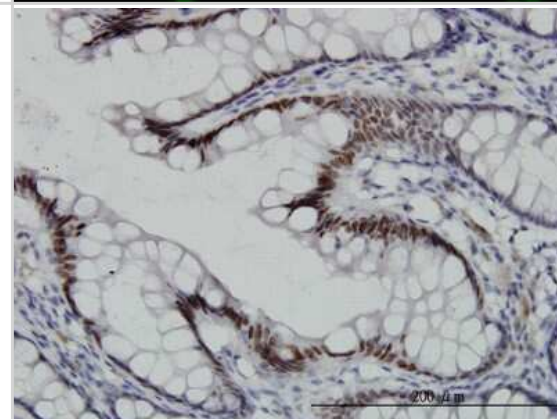
Western Blot: TCF7L2 Antibody (3A4) [H00006934-M06] - Analysis of TCF7L2 expression in K-562 (Cat # L009V1).



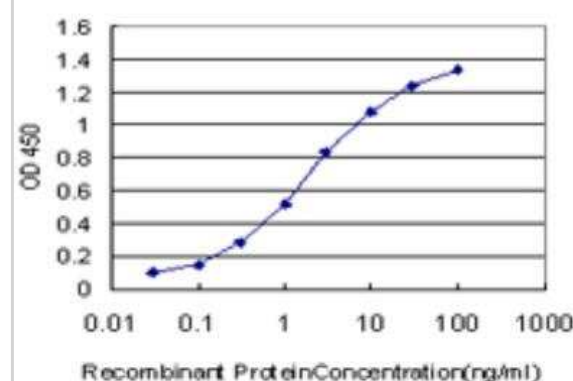
Immunocytochemistry/Immunofluorescence: TCF7L2 Antibody (3A4) [H00006934-M06] - Analysis of monoclonal antibody to TCF7L2 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: TCF7L2 Antibody (3A4) [H00006934-M06] - Analysis of monoclonal antibody to TCF7L2 on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml



ELISA: TCF7L2 Antibody (3A4) [H00006934-M06] - Detection limit for recombinant GST tagged TCF7L2 is approximately 0.03ng/ml as a capture antibody.



Publications

Wu HH, Ma QW, Liu YM et al. Inhibitory Effect of TCF7L2 on Pancreatic β -Cell Dedifferentiation via ERK/MAPK Signaling Pathway in Diabetes Clinical Medicine Insights. Endocrinology and Diabetes 2024-10-26 [PMID: 39473826]

Weaver C, Turner N, Hall J. Review of the neuroanatomic landscape implicated in glucose sensing and regulation of nutrient signaling: Immunophenotypic localization of diabetes gene Tcf7l2 in the developing murine brain J Chem Neuroanat 2012-07-12 [PMID: 22796301] (IF/IHC, ICC/IF, Mouse)





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 H00006934-M06

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-19083PEP	TCF7L2 Antibody Blocking Peptide

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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