

NTF4 Ab

[References\(1\)](#) [Images\(2\)](#)

Cat.#: DF6226	Concn.: ~1mg/ml	Mol.Wt.: 22kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human NTF4, corresponding to a region within the internal amino acids.	
Uniprot:	P34130	
Description:	NT-4 is a member of the structurally related neurotrophin family of proteins, which includes ?-NGF, BDNF and NT-3 . NT-4 is expressed in a number of cell types and tissues, including neuronal cells, normal breast epithelial cells, melanocytes, activated T cells, and granulocytes (1-5). NT-4 is required for the development of peripheral sensory neurons (6,7). NT-4 may be important for the development of long term memory . Increased NT-4 expression in melanoma cells promotes cell proliferation and migration . NT-4 is secreted from cells as a precursor protein, which is proteolytically cleaved into the mature form . NT-4 signaling is mediated through two distinct receptors, the neurotrophin receptor p75NTR and the Trk tyrosine kinase receptor TrkB.	

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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