

# Product Datasheet

## FBXO4 Antibody NBP1-52158

Unit Size: 0.1 mg

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

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**NBP1-52158****FBXO4 Antibody**

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

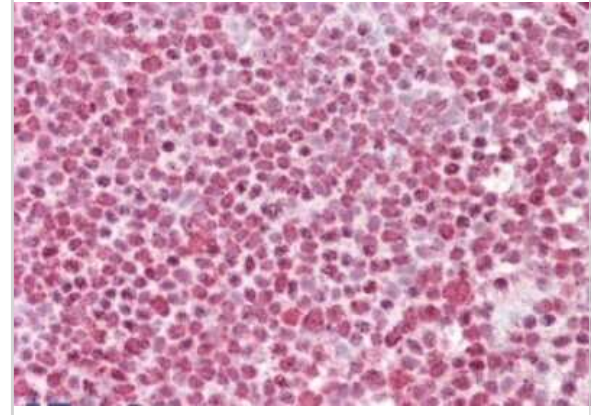
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat FBXO4 Antibody (NBP1-52158) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-FBXO4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	26272
<b>Gene Symbol</b>	FBXO4
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Reactivity Notes</b>	Expected from sequence similarity: Mouse, Rat, Bovine
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize isoform 1 and 2 (NP_036308.1; NP_277019.1).
<b>Immunogen</b>	Peptide with sequence C-EHTSAVNKMFSRH corresponding to internal region according to NP_277019.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot detection limit 1:8000, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:8000
<b>Application Notes</b>	Western blot: Preliminary experiments gave an approx 48kDa band in Human Heart ysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 44.1kDa according to NP_036308.1. The 48kDa band was successfully blocked by incubation with the immunizing peptide IHC: Paraffin embedded Human Tonsil.



## Images

Immunohistochemistry-Paraffin: FBXO4 Antibody [NBP1-52158] - 2.5ug/ml staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Barbash O, Zamfirova P, Lin DI et al. Mutations in Fbx4 inhibit dimerization of the SCF(Fbx4) ligase and contribute to cyclin D1 overexpression in human cancer. Cancer Cell 2008-07-01 [PMID: 18598945]



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### **Products Related to NBP1-52158**

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
H00026272-P01-10ug	Recombinant Human FBXO4 GST (N-Term) Protein

### **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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