

Product Datasheet

TNF-alpha Antibody (Z74P2C5* A12) - BSA Free NBP2-61611-0.025 ml

Unit Size: 0.025 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-61611-0.025 ml

TNF-alpha Antibody (Z74P2C5*A12) - BSA Free

Product Information	
Unit Size	0.025 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Z74P2C5*A12
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

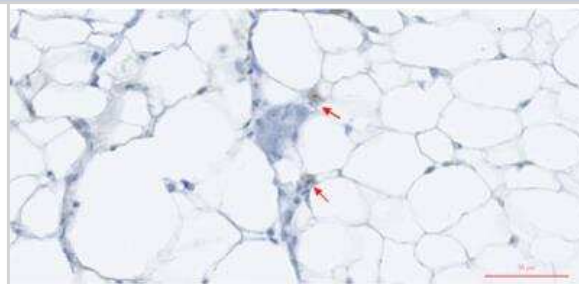
Product Description	
Description	The clone number is listed as Z74P2C5*A12 in the scientific literature.
Host	Mouse
Gene ID	7124
Gene Symbol	TNF
Species	Fish
Reactivity Notes	Salmon and Rainbow Trout
Immunogen	Ovalbumin-conjugated synthetic peptide

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500
Application Notes	Positive control(s): Western Blot: recombinant TNF-alpha 1 and TNF-alpha 1. IHC: formalin-fixed, paraffin-embedded adipose fish tissues.

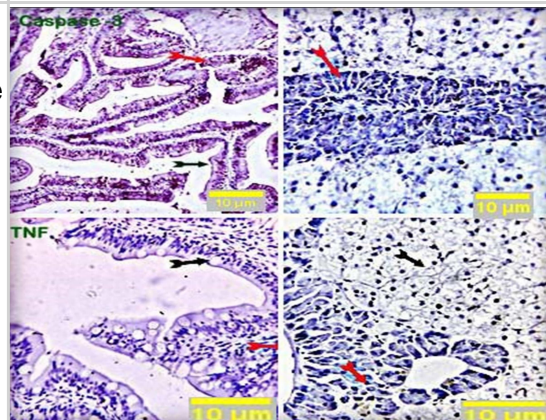


Images

Immunohistochemistry: TNF alpha Variant Antibody (Z74P2C5*A12) [NBP2-61611] - Immunohistochemistry image showing positive staining of TNF alpha Variant Antibody (Z74P2C5*A12) in adipose tissue vaccinated rainbow trout. IHC was performed on formalin-fixed, paraffin-embedded tissue sections. Antigen retrieval step is required, which involves microwaving tissue for 20 minutes @ 800W in 10 mM citrate buffer (pH 6.0).



Immunohistochemistry: TNF-alpha Antibody (Z74P2C5*A12) - BSA Free [NBP2-61611] - Stained sections of fish intestine and liver of the control group showed negative staining reactions in all the examined parts of the intestinal and hepatic tissue (black and red arrows) against caspase-3 (NB600-1235) and TNF-alpha (NBP2-61611) antibodies. Nearly 10% of hepatic portal cells reacted positively to caspase-3. Scale bars = 10 um. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/35624801/](https://pubmed.ncbi.nlm.nih.gov/35624801/)) licensed under a CC-BY license.



Publications

Amer SA, El-Araby DA, Tartor H et al. Long-Term Feeding with Curcumin Affects the Growth, Antioxidant Capacity, Immune Status, Tissue Histoarchitecture, Immune Expression of Proinflammatory Cytokines, and Apoptosis Indicators in Nile Tilapia, *Oreochromis niloticus* Antioxidants (Basel) 2022-05-10 [PMID: 35624801]



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Limitations

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