

For Research Use Only

# TWEAKR Polyclonal antibody

Catalog Number: 19836-1-AP



## Basic Information

<b>Catalog Number:</b> 19836-1-AP	<b>GenBank Accession Number:</b> BC002718	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 51330	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NP84	
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor necrosis factor receptor superfamily, member 12A	
<b>Immunogen Catalog Number:</b> AG13823	<b>Calculated MW:</b> 129 aa, 14 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse heart tissue,
<b>Species Specificity:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TweakR (Fn14, TNFRSF12A) is a member of the TNF receptor superfamily which is activated by its ligand, the cytokine TWEAK (TNFSF12). TweakR is the smallest member of the TNFR superfamily. TweakR was first described as an FGF-inducible gene which played a role in fibroblast adhesion and migration. Subsequently, the induction of TweakR expression by other growth factors and/or upon tissue injury was observed in multiple cell types, including hepatocytes, endothelial cells, adipocytes, and cardiomyocytes. (PMID: 23073510, PMID: 24409185)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

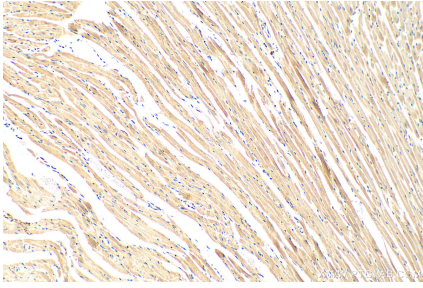
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 19836-1-AP (TWEAKR antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).