

Datasheet for ABIN2780989
anti-TGFB11 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TGFB11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFB11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TGFB11
Sequence:	PRSGAPKERP AEPLTPPPSY GHQPQTGSGE SSGASGDKDH LYSTVCKPRS
Predicted Reactivity:	Dog: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TGFB11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TGFB11
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Target Details

Alternative Name:	TGFB111 (TGFB111 Products)
Background:	<p>The TGFB111 gene encodes a protein that is a key element in the transduction of signals from the cell surface to the nucleus under oxidative stress-review. Higher gene expression may result in unfavorable recurrence-free survival and overall survival in hormone-refractory prostate cancer.</p> <p>Alias Symbols: ARA55, HIC-5, HIC5, TSC-5</p> <p>Protein Interaction Partner: HSPB2, HSPB1, CBLC, SMAD4, SMAD3, Pparg, CDKN2B, PLA2G3, HIPK3, CBLB, NCF1, GP6, TRAF4, SMAD7, GP1BB, UBQLN4, NEDD4L, UBC, PTK2, MAPK15, GIT2, SDC4, GIT1, SVIL, EP300, CRKL, PTK2B, PTPN12, AR, ITGA4, TGFB2, FKBP1A, NR3C1, SLC6A3, VCL, CSK, PXN, CCNA1, VH</p> <p>Protein Size: 444</p>
Molecular Weight:	48 kDa
Gene ID:	7041
NCBI Accession:	NM_015927 , NP_057011
UniProt:	B2R8D5
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , VEGF Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 444 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

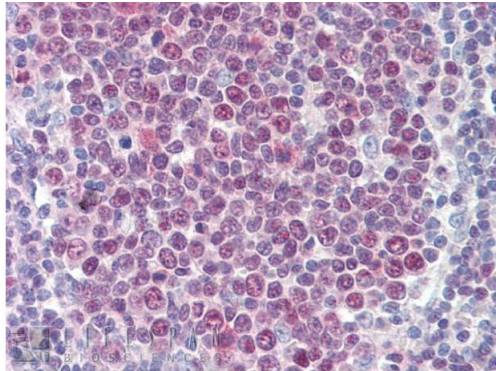
Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-TGFB1I1 Antibody
Catalog Number: ARP39219
Lot Number: QC8837
Paraffin Embedded Tissue: Human Tonsil
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.

Immunohistochemistry

Image 1. Immunohistochemistry with Human Tonsil lysate tissue at an antibody concentration of 5.0ug/ml using anti-TGFB1I1 antibody



Western Blotting

Image 2. WB Suggested Anti-TGFB1I1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T