

Datasheet for ABIN2777947
anti-TGFB111 antibody (Middle Region)



[Go to Product page](#)

9 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TGFB111
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Goat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFB111 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human TGFB111
Sequence:	PEPTGKGLSLD TMLGLLQSDL SRRGVPTQAK GLCGSCNKPI AGQVV TALGR
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 86%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TGFB111. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TGFB111
Alternative Name:	TGFB111 (TGFB111 Products)

Target Details

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 Advice:	Avoid repeated freeze-thaw cycles.

Handling

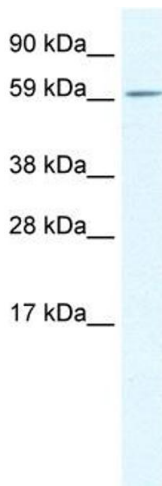
Storage: -20 °C

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.

Publications

Product cited in: Miyoshi, Ishiguro, Uemura, Fujinami, Miyamoto, Miyoshi, Kitamura, Kubota: "Expression of AR associated protein 55 (ARA55) and androgen receptor in prostate cancer." in: **The Prostate**, Vol. 56, Issue 4, pp. 280-6, (2003) ([PubMed](#)).

Images

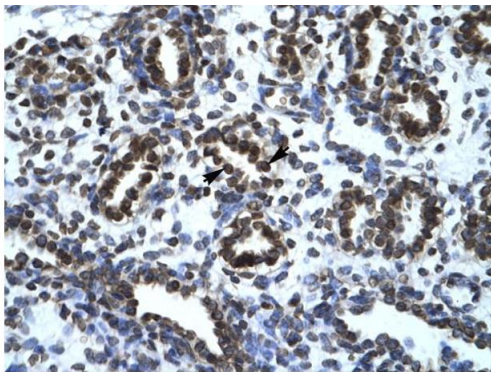


Western Blotting

Image 1. WB Suggested Anti-TGFB111 Antibody Titration:

0.2-1 ug/ml

Positive Control: Human Lung

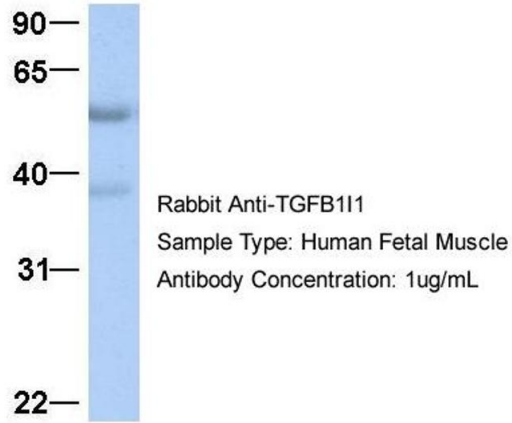


Rabbit Anti-TGFB111 Antibody
Catalog Number: ARP33442
Lot Number: QC3027
Paraffin Embedded Tissue: Human Lung
Cells with Positive label: Alveolar cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Lung

TGFB111



Western Blotting

Image 3. Host: Rabbit Target Name: TGFB111 Sample Type: Human Fetal Muscle Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN2777947.