

TGFB1I1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14684a**Specification**

TGFB1I1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O43294](#)**TGFB1I1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 7041**Other Names**

Transforming growth factor beta-1-induced transcript 1 protein, Androgen receptor coactivator 55 kDa protein, Androgen receptor-associated protein of 55 kDa, Hydrogen peroxide-inducible clone 5 protein, Hic-5, TGFB1I1, ARA55

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TGFB1I1 Antibody (N-term) Blocking Peptide - Protein Information**Name** TGFB1I1**Synonyms** ARA55**Function**

Functions as a molecular adapter coordinating multiple protein-protein interactions at the focal adhesion complex and in the nucleus. Links various intracellular signaling modules to plasma membrane receptors and regulates the Wnt and TGFB signaling pathways. May also regulate SLC6A3 and SLC6A4 targeting to the plasma membrane hence regulating their activity. In the nucleus, functions as a nuclear receptor coactivator regulating glucocorticoid, androgen, mineralocorticoid and progesterone receptor transcriptional activity. May play a role in the processes of cell growth, proliferation, migration, differentiation and senescence. May have a zinc-dependent DNA-binding activity.

Cellular Location

Cell junction, focal adhesion. Nucleus matrix. Cytoplasm, cytoskeleton. Note=Associated with the actin cytoskeleton; colocalizes with stress fibers

Tissue Location

Expressed in platelets, smooth muscle and prostate stromal cells (at protein level).

TGFB111 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TGFB111 Antibody (N-term) Blocking Peptide - Images

TGFB111 Antibody (N-term) Blocking Peptide - Background

This gene encodes a coactivator of the androgen receptor, a transcription factor which is activated by androgen and has a key role in male sexual differentiation. The encoded protein is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

TGFB111 Antibody (N-term) Blocking Peptide - References

Inui, S., et al. J. Dermatol. Sci. 58(2):152-154(2010) Caltagarone, J., et al. J. Neuropathol. Exp. Neurol. 69(4):356-371(2010) Jones, C.A., et al. Nat. Cell Biol. 11(11):1325-1331(2009) Aghajanova, L., et al. Endocrinology 150(8):3863-3870(2009) Wang, H., et al. Oncogene 27(54):6791-6805(2008)