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Hic-5 Polyclonal Antibody

Catalog # AP70315

Product Information

Application	WB, IHC-P, IF
Primary Accession	O43294
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49814

Additional Information

Gene ID	7041
Other Names	TGFB1I1; ARA55; 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
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

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).

Background

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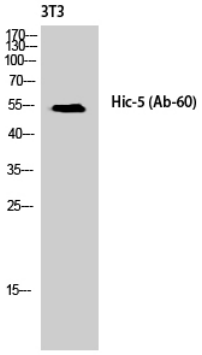
Images



Western Blot analysis of NIH-3T3 cells using Hic-5 Polyclonal Antibody diluted at 1：1000