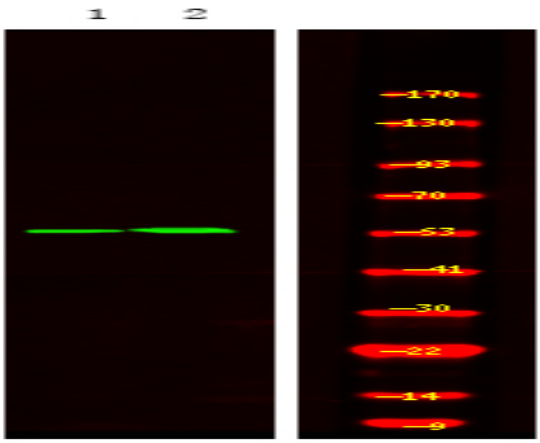
Best Tools for immunology Research

Hic-5 (Phospho Tyr60) rabbit pAb

Catalog No :	YP1735
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	Hic-5
Gene Name :	TGFB1I1 ARA55
Protein Name :	Hic-5 (Phospho-Tyr60)
Human Gene Id :	7041
Human Swiss Prot No :	O43294
Mouse Gene Id :	21804
Mouse Swiss Prot No :	Q62219
Rat Gene Id :	84574
Rat Swiss Prot No :	Q99PD6
Immunogen :	Synthesized peptide derived from human Hic-5 (Phospho-Tyr60)
Specificity :	This antibody detects endogenous levels of Hic-5 (Phospho-Tyr60) at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	50kD
Background :	transforming growth factor beta 1 induced transcript 1(TGFB1I1) Homo sapiens 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. [provided by RefSeq, Sep 2009],
Function :	domain:The LD (leucine and aspartate-rich) motif 3 mediates interaction with GIT1 and functions as a nuclear export signal.,domain:The LIM zinc-binding domains mediate glucocorticoid receptor coactivation and interaction with AR, CRIP2, ILK, LIMS1, NR3C1, PPARG, TCF3, TCF7L2, SLC6A3 and SMAD3. The LIM zinc-binding 2 and LIM zinc-binding 3 domains mediate targeting to focal adhesions and actin stress fibers. The LIM zinc-binding 3 and LIM zinc-binding 4 domains mediate interaction with TRAF4 and MAPK15. The LIM zinc-binding 4 domain mediates interaction with HSPB1, homooligomerization and targeting to the nuclear matrix. The LIM zinc-binding 3 domain mediates interaction with PTPN12.,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
Subcellular Location :	Cell junction, focal adhesion. Nucleus matrix. Cytoplasm, cytoskeleton. Associated with the actin cytoskeleton; colocalizes with stress fibers.
Expression :	Expressed in platelets, smooth muscle and prostate stromal cells (at protein level).
Tag :	orthogonal
Sort :	25214
No4 :	1
Host :	Rabbit
Modifications :	Phospho

Products Images



Western Blot analysis of 1 A431 cell 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000