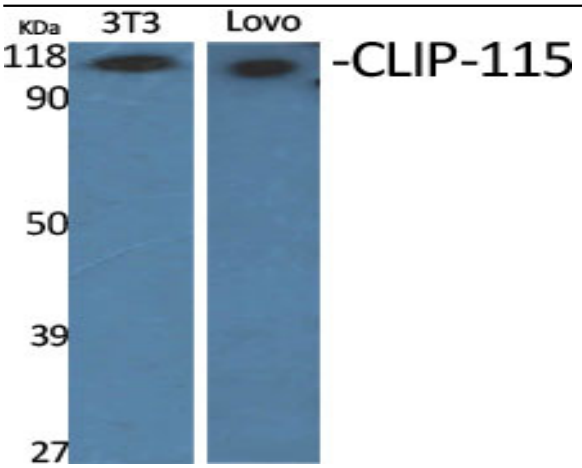
Best Tools for immunology Research

CLIP-115 Polyclonal Antibody

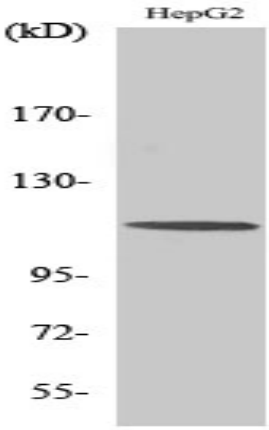
Catalog No :	YT0967
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CLIP-115
Gene Name :	CLIP2
Protein Name :	CAP-Gly domain-containing linker protein 2
Human Gene Id :	7461
Human Swiss Prot No :	Q9UDT6
Mouse Gene Id :	269713
Mouse Swiss Prot No :	Q9Z0H8
Rat Gene Id :	29264
Rat Swiss Prot No :	O55156
Immunogen :	The antiserum was produced against synthesized peptide derived from human CLIP2. AA range:997-1046
Specificity :	CLIP-115 Polyclonal Antibody detects endogenous levels of CLIP-115 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	120kD
Cell Pathway :	Regulation of Microtubule Dynamics
Background :	The protein encoded by this gene belongs to the family of cytoplasmic linker proteins, which have been proposed to mediate the interaction between specific membranous organelles and microtubules. This protein was found to associate with both microtubules and an organelle called the dendritic lamellar body. This gene is hemizygously deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008],
Function :	disease:Haploinsufficiency of CLIP2 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS) [MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.,function:Seems to link microtubules to dendritic lamellar body (DLB), a membranous organelle predominantly present in bulbous dendritic appendages of neurons linked by dendrodendritic gap junctions. May operates in the control of brain-specific organelle translocations.,similarity:Contains 2 CAP-Gly domains.,subcellular location:Associated with the cytoskeleton.,subunit:Interacts with CLASP1 and CLASP2.,
Subcellular Location :	Cytoplasm . Cytoplasm, cytoskeleton . Localizes preferentially to the ends of tyrosinated microtubules. .
Expression :	Brain,Clones donated by Kazusa DNA Research Inst.,Epitheliu

Products Images



Western Blot analysis of various cells using CLIP-115 Polyclonal Antibody



Western Blot analysis of A549 cells using CLIP-115 Polyclonal Antibody