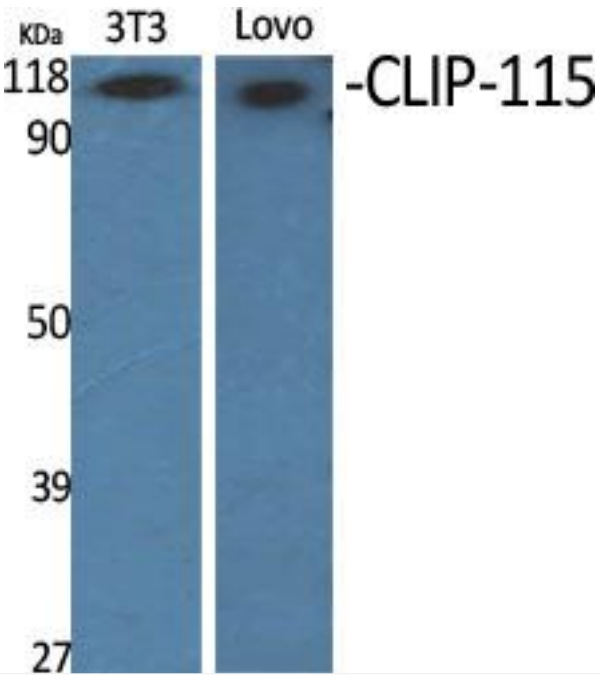
CLIP-115 Monoclonal Antibody

Catalog No	YP-mAb-03101
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CLIP2
Protein Name	CAP-Gly domain-containing linker protein 2
Immunogen	The antiserum was produced against synthesized peptide derived from human CLIP2. AA range:997-1046
Specificity	CLIP-115 Monoclonal Antibody detects endogenous levels of CLIP-115 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CLIP2; CYLN2; KIAA0291; WBSCR3; WBSCR4; WSCR4; CAP-Gly domain-containing linker protein 2; Cytoplasmic linker protein 115; CLIP-115; Cytoplasmic linker protein 2; Williams-Beuren syndrome chromosomal region 3 protein; Williams-Beuren syndro
Observed Band	120kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton . Localizes preferentially to the ends of tyrosinated microtubules. .
Tissue Specificity	Brain,Clones donated by Kazusa DNA Research Inst.,Epitheliu
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.,

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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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