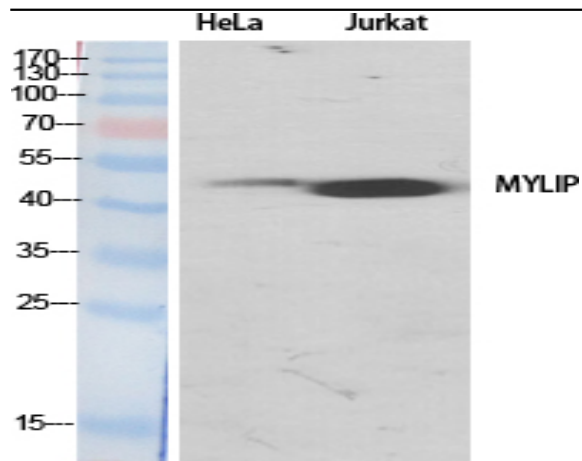


MYLIP Polyclonal Antibody

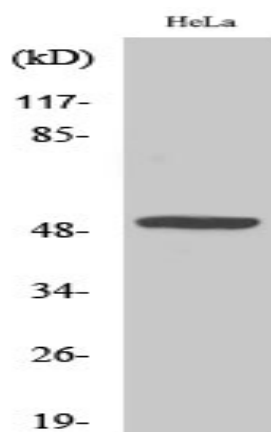
Catalog No :	YT2939
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	MYLIP
Fields :	>>Cholesterol metabolism
Gene Name :	MYLIP
Protein Name :	E3 ubiquitin-protein ligase MYLIP
Human Gene Id :	29116
Human Swiss Prot No :	Q8WY64
Mouse Gene Id :	218203
Mouse Swiss Prot No :	Q8BM54
Rat Gene Id :	306825
Rat Swiss Prot No :	D3ZDI6
Immunogen :	The antiserum was produced against synthesized peptide derived from human MYLIP. AA range:161-210
Specificity :	MYLIP Polyclonal Antibody detects endogenous levels of MYLIP 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. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

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 :	50kD
Background :	The ERM protein family members ezrin, radixin, and moesin are cytoskeletal effector proteins linking actin to membrane-bound proteins at the cell surface. Myosin regulatory light chain interacting protein (MYLIP) is a novel ERM-like protein that interacts with myosin regulatory light chain and inhibits neurite outgrowth. [provided by RefSeq, Jul 2008],
Function :	developmental stage:Expressed in fetal tissues and higher levels were detected in placenta and fetal lung.,domain:The RING domain mediates ubiquitination and the neurite outgrowth inhibitory activity.,function:E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC). Stable or transient overexpression of MIR induces proteasomal degradation of MRLC inhibiting neurite outgrowth in presence of NGF. MIR counteracts the stabilization of MRLC by MIR-interacting saposin-like protein (MSAP/TMEM4) and reduces MSAP-stimulated neurite outgrowth.,pathway:Protein modification; protein ubiquitination.,PTM:Autoubiquitinated.,similarity:Contains 1 FERM domain.,similarity:Contains 1 RING-type zinc finger.,subunit:Interacts with myosin regulatory light chain (MRLC) and TMEM4.,tissue specificity:Ubiquitously expressed.,
Subcellular Location :	Cytoplasm . Cell membrane ; Peripheral membrane protein .
Expression :	Ubiquitously expressed.

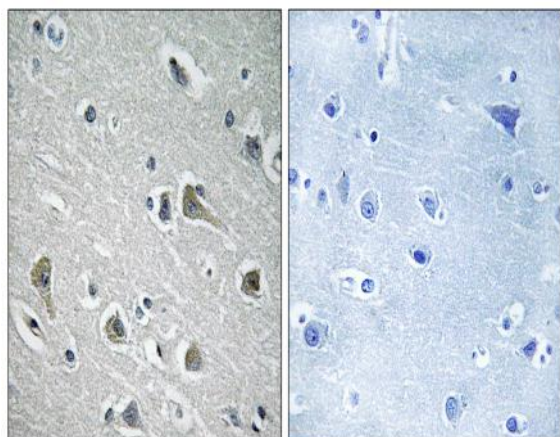
Products Images



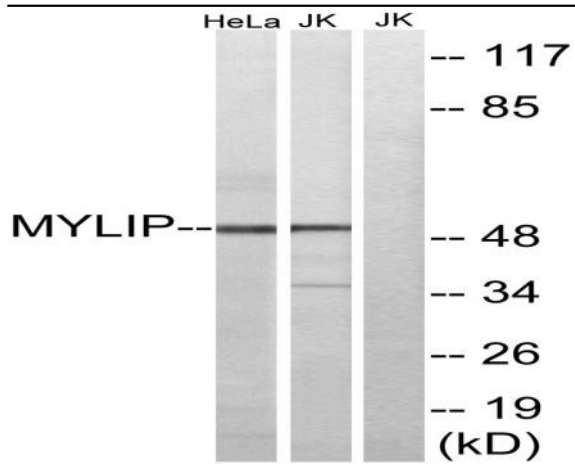
Western Blot analysis of various cells using MYLIP Polyclonal Antibody



Western Blot analysis of Jurkat cells using MYLIP Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MYLIP Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa and Jurkat cells, using MYLIP Antibody. The lane on the right is blocked with the synthesized peptide.