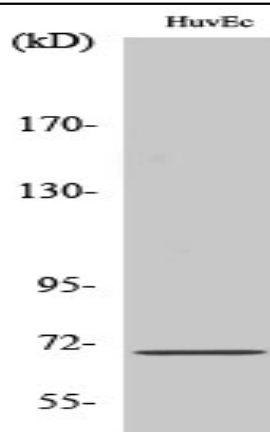


Sam 68 Polyclonal Antibody

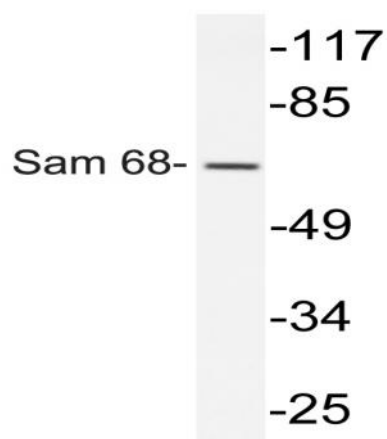
Catalog No :	YT4209
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Sam 68
Gene Name :	KHDRBS1
Protein Name :	KH domain-containing RNA-binding signal transduction-associated protein 1
Human Gene Id :	10657
Human Swiss Prot No :	Q07666
Mouse Gene Id :	20218
Mouse Swiss Prot No :	Q60749
Rat Gene Id :	117268
Rat Swiss Prot No :	Q91V33
Immunogen :	The antiserum was produced against synthesized peptide derived from human Sam 68. AA range:96-145
Specificity :	Sam 68 Polyclonal Antibody detects endogenous levels of Sam 68 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: 1:10000. 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 :	68kD
Background :	<p>This gene encodes a member of the K homology domain-containing, RNA-binding, signal transduction-associated protein family. The encoded protein appears to have many functions and may be involved in a variety of cellular processes, including alternative splicing, cell cycle regulation, RNA 3'-end formation, tumorigenesis, and regulation of human immunodeficiency virus gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012],</p>
Function :	<p>developmental stage:Isoform 3 is only expressed in growth-arrested cells.,domain:The KH domain is required for binding to RNA.,domain:The Pro-rich domains are flanked by Arg/Gly-rich motifs which can be asymmetric dimethylated on arginine residues to give the DMA/Gly-rich regions. Selective methylation on these motifs can modulate protein-protein interactions.,function:Isoform 3, which is expressed in growth-arrested cells only, inhibits S phase.,function:Recruited and tyrosine phosphorylated by several receptor systems, for example the T-cell, leptin and insulin receptors. Once phosphorylated, functions as an adapter protein in signal transduction cascades by binding to SH2 and SH3 domain-containing proteins. Role in G2-M progression in the cell cycle. Represses CBP-dependent transcriptional activation apparently by competing with other nuclear factors for binding to CBP. Also acts as</p>
Subcellular Location :	Nucleus . Cytoplasm . Membrane . Predominantly located in the nucleus but also located partially in the cytoplasm. .
Expression :	Ubiquitously expressed in all tissue examined. Isoform 1 is expressed at lower levels in brain, skeletal muscle, and liver whereas isoform 3 is intensified in skeletal muscle and in liver.
Sort :	14752
No4 :	1

Products Images



Western Blot analysis of various cells using Sam 68 Polyclonal Antibody



Western blot analysis of lysate from HUVEC cells, using Sam 68 antibody.