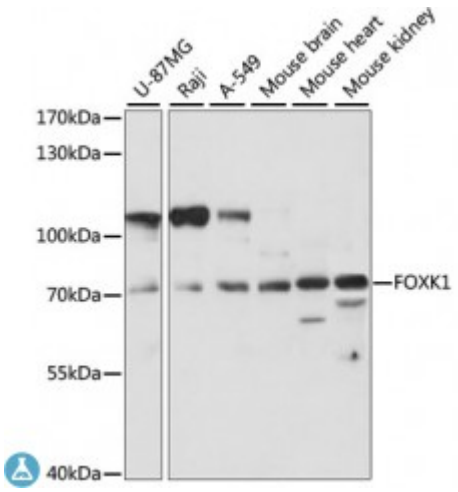
Anti-FOXK1 Antibody



Model	STJ117414
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 434-733 of human FOXK1 (NP_001032242.1).
Gene ID	221937
Gene Symbol	FOXK1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed both developing and adult tissues, In adults, significant expression is seen in tumors of the brain, colon and lymph node
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Forkhead box protein K1 Myocyte nuclear factor MNF
Molecular Weight	75.457 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:23480OMIM:616302Reactome:R-HSA-5689603

Alternative Names	Forkhead box protein K1 Myocyte nuclear factor MNF
Function	Transcriptional regulator that binds to the upstream enhancer region (CCAC box) of myoglobin gene , Important regulatory factor of the myogenic progenitor cell population , Involved in the cell cycle process, promotes proliferation by repressing Foxo4 transcriptional activity and the cyclin-dependent kinase inhibitor, p21CIP, in the myogenic progenitor cells , Represses myogenic differentiation by inhibiting MEFC acitivity , Has a role in remodeling processes of adult muscles that occur in response to physiological stimuli , Required to correct temporal orchestration of molecular and cellular events necessary for muscle repair , Positively regulates Wnt/beta-catenin signaling by translocating DVL into the nucleus ,
Cellular Localization	Nucleus,