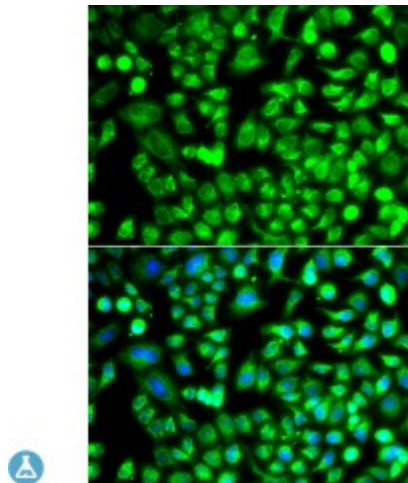


Anti-ALKBH4 Antibody



Model	STJ114467
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-302 of human ALKBH4 (NP_060091.1).
Gene ID	54784
Gene Symbol	ALKBH4
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:100
Tissue Specificity	Widely expressed, with highest expression in pancreas, ovary and spleen
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4
Molecular Weight	33.838 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:21900OMIM:613302

Alternative Names	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4
Function	Dioxygenase that mediates demethylation of actin monomethylated at 'Lys-84' (K84me1), thereby acting as a regulator of actomyosin-processes, Demethylation of actin K84me1 is required for maintaining actomyosin dynamics supporting normal cleavage furrow ingression during cytokinesis and cell migration, May be involved in transcription regulation,
Cellular Localization	Cytoplasm, Nucleus, Midbody,

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