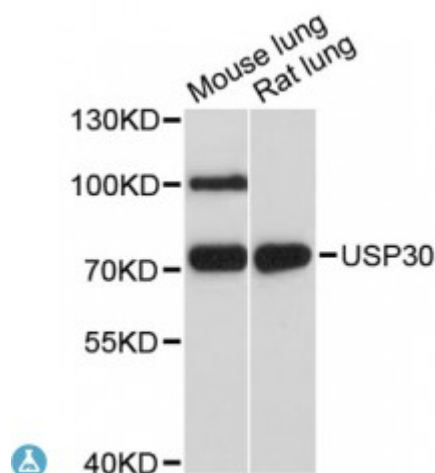


Anti-USP30 Antibody



Model	STJ114728
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 57-390 of human USP30 (NP_116052.2).
Gene ID	84749
Gene Symbol	USP30
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in skeletal muscle, pancreas, liver and kidney
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin carboxyl-terminal hydrolase 30
Molecular Weight	58.503 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:20065OMIM:612492Reactome:R-HSA-5689880

Alternative Names	Ubiquitin carboxyl-terminal hydrolase 30
Function	Deubiquitinating enzyme tethered to the mitochondrial outer membrane that acts as a key inhibitor of mitophagy by counteracting the action of parkin (PRKN): hydrolyzes ubiquitin attached by parkin on target proteins, such as RHOT1/MIRO1 and TOMM20, thereby blocking parkin's ability to drive mitophagy ,
Cellular Localization	Mitochondrion outer membrane
Post-translational Modifications	Ubiquitinated by parkin (PRKN) at Lys-235 and Lys-289, leading to its degradation,

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