

Anti-UBA6 antibody



Description	Unconjugated Rabbit polyclonal to UBA6
Model	STJ191587
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	55236
Gene Symbol	UBA6
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	UBA6 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed. Isoform 2 is predominantly expressed in testis with higher expression in adult testis than in fetal testis.
Purification	UBA6 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin-like modifier-activating enzyme 6 Ubiquitin-activating enzyme 6 Monocyte protein 4 MOP-4 Ubiquitin-activating enzyme E1-like protein 2 E1-L2
Molecular Weight	115 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:25581 OMIM:611361
Alternative Names	Ubiquitin-like modifier-activating enzyme 6 Ubiquitin-activating enzyme 6 Monocyte protein 4 MOP-4 Ubiquitin-activating enzyme E1-like protein 2 E1-L2
Function	Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1 thioester and free AMP. Specific for ubiquitin, does not activate ubiquitin-like peptides. Differs from UBE1 in its specificity for substrate E2 charging. Does not charge cell cycle E2s, such as CDC34. Essential for embryonic development. Required for UBD/FAT10 conjugation. Isoform 2 may play a key role in ubiquitin system and may influence spermatogenesis and male fertility.