

## Anti-UBA6 antibody

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

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:25581</a> <a href="#">OMIM:611361</a>
<b>Alternative Names</b>	Ubiquitin-like modifier-activating enzyme 6 Ubiquitin-activating enzyme 6 Monocyte protein 4 MOP-4 Ubiquitin-activating enzyme E1-like protein 2 E1-L2
<b>Function</b>	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.