

CAB3606

Product Information

Product SKU:	CAB3606	Gene ID:	7314	Size:	20uL, 100uL
Clone No:	ARC0811	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	17-250kDa	Conjugate:	Unconjugated
Calculated MW:	26kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. An aberrant form of this protein has been detected in patients with Alzheimer's disease and Down syndrome. Pseudogenes of this gene are located on chromosomes 1, 2, 13, and 17. Alternative splicing results in multiple transcript variants.
Recommended Dilution:	WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200
Synonyms:	HEL-S-50; K48-linkage Specific Ubiquitin
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Ubiquitin (P0CG47).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.