

## Rabbit Anti-Ube2L6 Polyclonal Antibody, FITC Conjugated

## D A T A S H E E T

**Host:** Rabbit**Target Protein:** Ube2L6**Clonality:** Polyclonal**Isotype:** IgG**Entrez Gene:** [9246](#)**Swiss Prot:****Source:** KLH conjugated synthetic peptide derived from human Ube2L6**Purification:** Purified by Protein A.**Storage:** Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and 0.09% sodium azide. Store at 4°C for 12 months.

**Background:** Ubiquitin is an abundant, highly conserved protein found in all eukaryotic cells, either free or covalently attached to cellular proteins. The primary function of ubiquitin in mammalian systems is to clear abnormal, foreign, and improperly folded proteins by targeting them for proteasome degradation. Ubiquitin conjugating enzyme 8 (UBC8) is an E2 enzyme involved in the ubiquitin pathway for protein degradation. Like other E2 enzymes, UBC8 forms a thioester bond with ubiquitin in an E1-dependent manner. UBC8 binds to the human homolog of *Drosophila ariadne* (HHARI) and UBC7-associated protein (H7-AP1) as well as double ring-finger protein (Dorfin). UBC8 is enriched in the central nervous system and interacts with Parkin, a RING-finger-containing protein implicated in the pathogenesis of familial Parkinson's disease. Parkin shares sequence homology with other UBC8 binding proteins such as HHARI and H7-AP1.

**Conjugation:** FITC**Excitation/** 494nm/518nm**Emission:****Size:** 100ul**Concentration:** 1ug/ul**Applications:** IF(IHC-P)(1:50-200)**Cross Reactive** Human**Species:** Mouse

Rat

Caution: For research use only. Not for human or animal therapeutic or diagnostic use.