

## bs-8369R-A555

### • Rabbit Anti-Ube2L6 Polyclonal Antibody, Alexa Fluor 555 conjugated

Conjugated Primary Antibodies

#### 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.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, it is ready to use, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Reconstitution instruction: Two additional vials are included in shipment for reconstitution purposes (double distilled H<sub>2</sub>O and sterile glycerol). Centrifuge all vials to ensure necessary quantities have settled. Add 50uL of sterile double distilled water to antibody. Mix thoroughly by gently pipetting up and down. Then, add 50uL of sterile glycerol to antibody. Mix well and keep cold.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

#### Application:

- IF(1:50-200)
- Not yet tested in other applications.  
Optimal working dilutions must be determined by the end user.

**Cross-reactivities:** Mouse, Rat,

**Molecular Weight:** 18kDa

**Isotype:** IgG

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

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