

bs-8354R**[Primary Antibody]****UBE2D4 Rabbit pAb****BioSS**
ANTIBODIES

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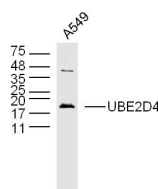
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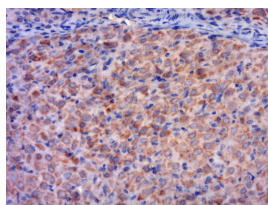
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 55585	SWISS: Q7Z7E8.1	IHC-F (1:100-500)
Target: UBE2D4		IF (1:50-200)
Immunogen: KLH conjugated synthetic peptide derived from human UBE2D4: 31-130/147.		Reactivity: Human, Rat (predicted: Mouse, Pig, Sheep, Cow, Chicken, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 17 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm ,Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (UBE1s), ubiquitin-conjugating enzymes (UBE2s), and ubiquitin-protein ligases (UBE3s). When ubiquitin is activated by a UBE1, it is transferred to the cysteine residue on a UBE2. UBE2 then binds a UBE3, which transfers the ubiquitin from the UBE2 cysteine to a lysine residue on the target protein. Ubiquitin-conjugating enzyme E2 Q1 (UBE2Q1), also known as ubiquitin-protein ligase Q1 or ubiquitin carrier protein Q1, is an 422 amino acid protein belonging to the ubiquitin-conjugating enzyme (UBE2) family. Two named isoforms of UBE2Q1 exist as a result of alternative splicing events.		

— VALIDATION IMAGES —

Sample: A549 Cell (Human) Lysate at 40 ug
 Primary: Anti-UBE2D4 (bs-8354R) at 1/300
 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kD Observed band size: 18 kD



Paraformaldehyde-fixed, paraffin embedded Rat ovary; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with UBE2D4 Polyclonal Antibody, Unconjugated (bs-8354R) at 1:600 overnight at 4°C, DAB staining.