

bs-13680R**[Primary Antibody]****UBXN2B Rabbit pAb****BioSS**
ANTIBODIES

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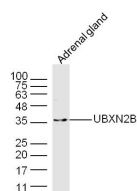
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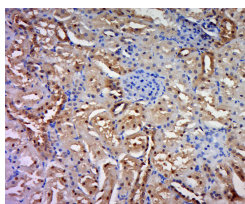
400-901-9800

— DATASHEET —

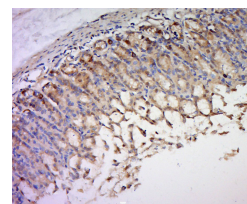
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 137886	SWISS: Q14CS0	IHC-F (1:100-500)
Target: UBXN2B		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human UBXN2B: 201-300/331.		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 37 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
Background: The UBX (Ubiquitin regulatory X) domain is an 80 amino acid motif that is usually present on the carboxy-terminus of certain eukaryotic proteins. UBX domain-containing proteins (UBXD), such as FAF1, p33ING1 and D8S2298E, are typically involved in ubiquitin-related processes. UBXD proteins also constitute the largest family of VCP cofactors and are generally involved in substrate recruitment to VCP, as well as regulation of its activity. UBXD2B (UBX domain-containing protein 2B), also known as NSFL1 cofactor p37 and p97 cofactor p37, is a 331 amino acid protein that contains one UBX domain and one SEP domain. UBXN2B is required for ER and Golgi biogenesis and also plays a role in their maintenance during interphase, as well as their reassembly at the end of mitosis. Through interaction with VCP, UBXN2B forms a complex that has membrane fusion activity.		

— VALIDATION IMAGES —

Sample: Adrenal gland (Mouse) Lysate at 40 ug
 Primary: Anti-UBXN2B(bs-13680R) at 1/300
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 37 kD Observed band size: 37 kD



Paraformaldehyde-fixed, paraffin embedded
 (Rat kidney); 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 (UBXN2B) Polyclonal Antibody,
 Unconjugated (bs-13680R) at 1:500 overnight at
 4°C, followed by a conjugated secondary
 (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded
 (Rat stomach); 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 (UBXN2B) Polyclonal Antibody,
 Unconjugated (bs-13680R) at 1:500 overnight at
 4°C, followed by a conjugated secondary
 (sp-0023) for 20 minutes and DAB staining.