bs-8472R **[Primary Antibody]**

FBXO11 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 80204 **SWISS:** Q86XK2

Target: FBXO11

Immunogen: KLH conjugated synthetic peptide derived from human FBXO11: 65-160/927.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. They are members of a larger family of proteins that are involved in the regulation of a wide variety of cellular processes (including the cell cycle, immune responses, signaling cascades and developmental events) through the targeting of proteins, such as cyclins, cyclin-dependent kinase inhibitors, I˚B-å and ∫-catenin, for proteasomal degradation. FBXO11 (F-box only protein 11), also known as VIT1 (Vitiligo-associated protein 1), is a 927 amino acid nuclear protein that contains one UBR-type zinc finger, one F-box domain and 19 PbH1 repeats. Involved in protein ubiquitination, FBXO11 functions as a substrate recognition component of the SCF complex and is thought to bind to and inhibit the transcriptional activity of p53. Reduced expression of FBXO11 is associated with vitiligo, a disease characterized by progressive skin depigmentation. Multiple isoforms of FBXO11 exist due to alternative splicing events.

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:50-200)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Chicken, Horse)

Predicted MW.: 104 kDa

Subcellular Location: Nucleus