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## KLHL36 Rabbit pAb

Catalog Number: bs-9628R

Target Protein: KLHL36

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

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

Predicted MW: 70 kDa

Subcellular: Cytoplasm, Nucleus

Locations:

Entrez Gene: 79786

Swiss Prot: Q8N4N3

Source: KLH conjugated synthetic peptide derived from human KLHL36/C16orf44: 51-150/616.

Purification: affinity purified by Protein A

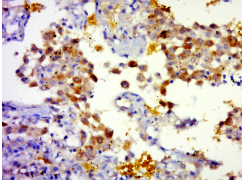
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** C16orf44 is a 616 amino acid protein that contains six Kelch repeats, one BTB/POZ domain and one BTB/Kelch associated (BACK) domain. C16orf44 is believed to play a role in protein ubiquitination and may function as a substrate-specific adapter of an E3 ubiquitin-protein ligase complex. E3 ligases accept a ubiquitin residue from an E2 ubiquitin-conjugating enzyme and immediately transfer that residue to a protein that is targeted for degradation. Specifically, C16orf44 interacts with CUL-3, a member of the cullin family of mediators that participate in the selective targeting of proteins for ubiquitin-mediated proteolysis. Due to alternative splicing events, two isoforms of C16orf44 are expressed.

### VALIDATION IMAGES

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Paraformaldehyde-fixed, paraffin embedded (human lung cancer ); 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 (KLHL) Polyclonal Antibody, Unconjugated (bs-9628R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=8.886] Hengzhi Du. et al. MiR-320a induces pancreatic  $\beta$  cells dysfunction in diabetes by inhibiting MafF. Mol Ther-Nucl Acids. 2021 Aug:: IF ; Rat, Human . 10.1016/j.omtn.2021.08.027