bs-16640R **[Primary Antibody]**

INDOL1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 169355 **SWISS:** Q6ZQW0

Target: INDOL1

Immunogen: KLH conjugated synthetic peptide derived from human INDOL1: 251-350/407.

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: Along with the enzymes encoded by the INDO (MIM 147435) and TDO2 (MIM 191070) genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway (Ball et al., 2007 [PubMed 17499941]).[supplied by OMIM, Feb 2011]

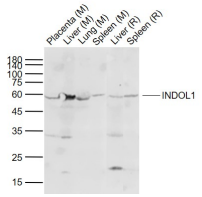
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat

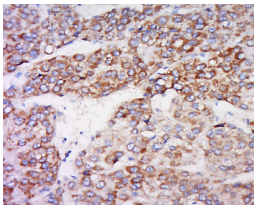
Predicted MW.: 45 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: Mouse Placenta tissue lysates Lane 2: Mouse Liver tissue lysates Lane 3: Mouse Lung tissue lysates Lane 4: Mouse Spleen tissue lysates Lane 5: Rat Liver tissue lysates Lane 6: Rat Spleen tissue lysates Primary: Anti-INDOL1 (bs-16640R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 60 kD



Tissue/cell: human liver cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-INDOL1 Polyclonal Antibody, Unconjugated(bs-16640R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=4]** Zheng Liqin. et al. Lactobacillus Johnsonii YH1136 alleviates schizophrenia-like behavior in mice: a gut–microbiota–brain axis hypothesis study. BMC MICROBIOL. 2025 Dec;25(1):1-22 IF ;Mouse. 40175911