

bs-24399R**[Primary Antibody]****ASC/TMS1 Rabbit pAb****Bioss**
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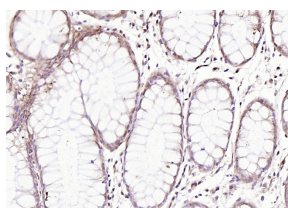
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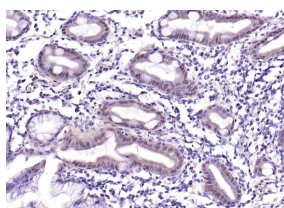
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: ASC/TMS1 Immunogen: KLH conjugated synthetic peptide derived from mouse ASC: 101-190/193. 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: Promotes caspase-mediated apoptosis. This proapoptotic activity is mediated predominantly through the activation of caspase-9. May be a component of the inflammasome, a protein complex which also includes NALP2, CARD8 and CASP1 and whose function would be the activation of proinflammatory caspases. Tissue specificity: Widely expressed at low levels. Detected in peripheral blood leukocytes, lung, small intestine, spleen, thymus, colon and at lower levels in placenta, liver and kidney. Very low expression in skeletal muscle, heart and brain. Detected in the leukemia cell lines HL-60 and U937, but not in Jurkat T-cell lymphoma and Daudi Burkitt's lymphoma.	Isotype: IgG Applications: IHC-P (1:100-500) IHC-F (1:400-800) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Horse) Predicted MW.: 22 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Human colon); 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 (ASC) Polyclonal Antibody, Unconjugated (bs-24399R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); 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 (ASC) Polyclonal Antibody, Unconjugated (bs-24399R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.3]** Xuliang Fang. et al. Systemic Lupus Erythematosus Exacerbates Hip Arthritis by Promoting Chondrocyte Pyroptosis in the Femoral Head via Activating the NF-κB Pathway. J CELL MOL MED. 2025 Apr;29(7):e70531 IHC ;Mouse. 40179133
- **[IF=2]** Linlin Wang. et al. Acupuncture protects against ischemic stroke by inhibiting the NF-κB pathway. IBRO NEUROSCIENCE REPORTS. Western blot ;Rat. 10.1016/j.ibneur.2025.02.014
- **[IF=2.1]** Zheng Wang. et al. Huanglian-Hongqu herb pair improves nonalcoholic fatty liver disease via NFκB/NLRP3

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

pathway in mice: network pharmacology, molecular docking and experimental validation.Hereditas.2024 Apr 3;161(1):12.
Western blot ;Mouse. 10.1186/s41065-024-00316-0