

bs-22073R**[Primary Antibody]****API5 Rabbit pAb****BioSS**
ANTIBODIES

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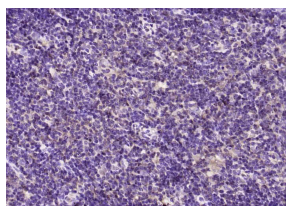
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— DATASHEET —

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| Host: Rabbit Clonality: Polyclonal GeneID: 8539 Target: API5 Immunogen: KLH conjugated synthetic peptide derived from human API5: 381-480/524. 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: Apoptosis inhibitor 5 (API5) is an antiapoptotic factor which may have a role in protein assembly. API5 expression is often upregulated in tumor cells, particularly in metastatic cells. It is a critical determinant of E2F1-induced apoptosis, acting downstream of E2F to suppress E2F-dependent apoptosis without generally blocking E2F-dependent transcription. Alternate Names: AAC 11; AAC11; Antiapoptosis clone 11 protein; API 5; API5; API5 like 1; API5L1; Cell migration inducing gene 8 protein; Fibroblast growth factor 2 interacting factor 2; FIF; MIG 8; MIG8; Migration inducing protein MIG8; Protein XAGL. Function : Antiapoptotic factor that may have a role in protein assembly. Negatively regulates ACIN1. By binding to ACIN1, it suppresses ACIN1 cleavage from CASP3 and ACIN1-mediated DNA fragmentation. Also known to efficiently suppress E2F1-induced apoptosis. Its depletion enhances the cytotoxic action of the chemotherapeutic drugs. | Isotype: IgG SWISS: Q9BZZ5 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Pig, Sheep, Chicken, Dog, Horse) Predicted MW.: 57 kDa Subcellular Location: Cytoplasm ,Nucleus |
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat thymus); 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 (API5) Polyclonal Antibody, Unconjugated (bs-22073R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.