



CBP20 Rabbit pAb

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|---------------------------|--|
| Catalog No | BYab-17917 |
| Isotype | IgG |
| Reactivity | Human,Mouse,Rat |
| Applications | WB, IHC-P, ICC/IF,IP |
| Gene Name | NCBP2 |
| Alternative Names | Nuclear cap-binding protein subunit 2; 20 kDa nuclear cap-binding protein; Cell proliferation-inducing gene 55 protein; NCBP 20 kDa subunit; CBP20; NCBP-interacting protein 1; NIP1; NCBP2; CBP20; ORF Names: PIG55 |
| Research Field | - |
| Product Categories | Primary antibody |
| Host | Rabbit |
| Molecular Weight | - |
| Clonality | Polyclonal Antibody |
| Clonality No. | - |
| Dilution | WB: 1/500-1/1000 IHC: 1/50-1/200 IF: 1/50-1/200 IP: 1/50-1/100 |
| Immunogen | Synthetic peptide corresponding to amino acids N-terminus of Human CBP20. |
| Purification | Affinity Purified |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Form | Liquid |
| Buffer System | 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2. |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles. |
| Background | In eukaryotes, the majority of mRNAs have an m(7)G cap, which is added cotranscriptionally and plays a critical role in many aspects of mRNA metabolism. The effect of the cap on translation is mediated by the initiation factor eIF-4F, whereas the effect on pre-mRNA splicing involves a nuclear complex (CBC). CBC |

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consists of two cap binding proteins, CBP20 and CBP80, which mediate the stimulatory functions of the cap in pre-mRNA splicing, 3' end formation and U snRNA export. The genes CBC1 and CBC2 encode CBP80 and CBP20, respectively. CBP80 comprises three domains, each containing a MIF4G domain. CBP20 has an RNAP fold and associates with the second and third domains of CBP80.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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