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| Product name: | DNAJB6 Rabbit Monoclonal Antibody |
| Cat number: | MABN85513 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | Recombinant protein of human DNAJB6 |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB 1:500-1:1000,IHC 1:50-1:100 |
| Molecular Weight: | Calculated MW: 36 kDa; Observed MW: 36 kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation. Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity. |