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Catalase Polyclonal Antibody

Catalog No YP-Ab-02856 Isotype IgG Reactivity Human;Rat;Mouse;;Fish Applications IF;WB;IHC;ELISA Gene Name CAT Protein Name Catalase Immunogen The antiserum was produced against synthesized peptide derived from the C-terminal region of human CAT. AA range:478-527 Specificity Catalase Polyclonal Antibody detects endogenous levels of Catalase protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution IF: 1:50-200 Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CAT; Catalase Observed Band 60kD Cell Pathway Peroxisome. Tissue Specificity Brain, Cajal-Retzius cell, Erythrocyte, Eye, Fibroblast, Kidney, Liver, Placenta, Platelet, Skin, Uterus, catalytic activity; 2 H(2)O(2) = O(2) + 2 H(2)O, cofactor-Heme group, cofac		
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UpingBio technology Co.,Ltd

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effects of hydrogen peroxide. Oxidative stress is hypothesized to play a role in the development of many chronic or late-onset diseases such as diabetes, asthma, Alzheimer's disease, systemic lupus erythematosus, rheumatoid arthritis, and cancers. Polymorphisms in this gene have been associated with decreases in catalase activity but, to date, acatalasemia is to date, acatalasemia is to date, acatalase activity but, to date, acatalasemia is considered by Poffice. Out 20001 caused by this gene. [provided by RefSeq, Oct 2009],

matters needing attention

Avoid repeated freezing and thawing!

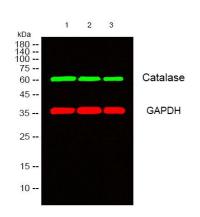
Usage suggestions

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

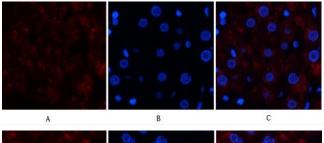




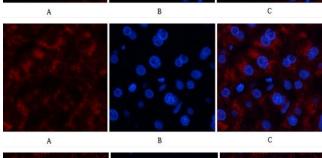
Products Images



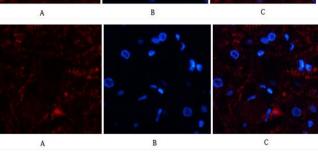
Western blot analysis of lysates from 1) HT29, 2) A549, 3) HELA cells, (Green) primary antibody was diluted at 1:1000, 4°over night, secondary antibody(cat:RS23920)was diluted at 1:10000, 37° 1hour. (Red) GAPDH Monoclonal Antibody(2B8) (cat:YM3029) antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody(cat:RS23710)was diluted at 1:10000, 37° 1hour.



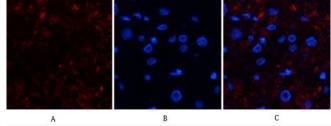
Immunofluorescence analysis of human-liver tissue. 1,Catalase Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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