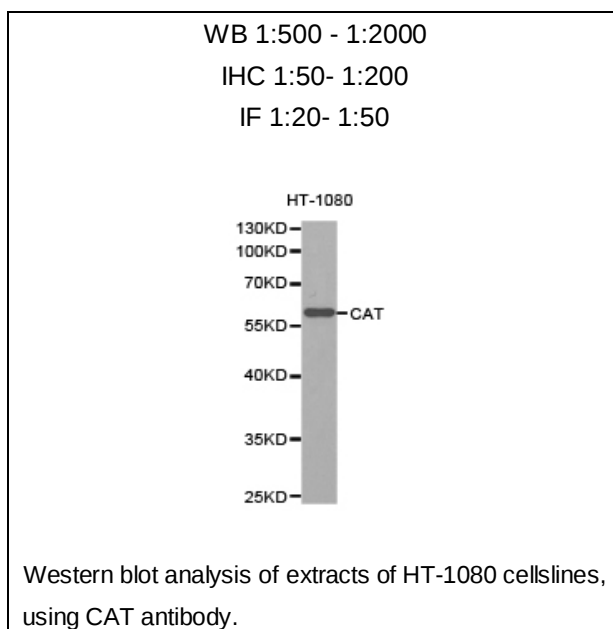




CAT Polyclonal Antibody

E91267

- Catalog Number:** E91267
Amount: 100ul
Background: CAT belongs to the catalase family. CAT occurs in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide. CAT promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells. CAT catalyzes the reaction: $2 \text{H}_2\text{O}_2 = \text{O}_2 + 2 \text{H}_2\text{O}$. Defects in CAT are the cause of acatalasia (ACATLAS) which also known as acatalasemia. The antibody is specific to CAT.
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: MGC138422; MGC138424
Immunogen: A synthetic peptide of human CAT
Purification: Affinity purification
Reactivity: H
Applications: WB IHC IF
Molecular Weight: 60kDa
Swiss-Prot No. : P04040
Gene ID: 847



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