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CAT Rabbit pAb

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Catalog # AP57988

Product Information

Application	WB
Reactivity	Rat, Pig, Mouse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	Catalase natural protein from pig liver
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Peroxisome.
DISEASE	Defects in CAT are the cause of acatalasemia (ACATLAS) [MIM:614097]. A metabolic disorder characterized by absence of catalase activity in red cells and is often associated with ulcerating oral lesions.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Catalase is the classical marker for peroxisomes and is the most abundant protein within peroxisomes. It is found in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide.

Additional Information

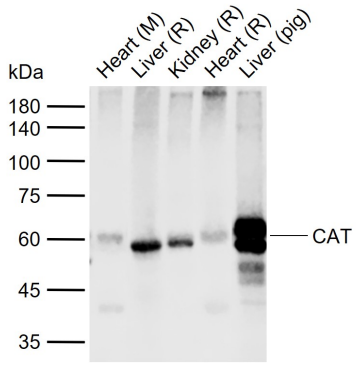
Other Names	Catalase, 1.11.1.6, CAT
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images

Sample:
Lane 1: Mouse Heart tissue lysates



Lane 2: Rat Liver tissue lysates
Lane 3: Rat Kidney tissue lysates
Lane 4: Rat Heart tissue lysates
Lane 5: Pig Liver tissue lysates
Primary: Anti-CAT (AP57988) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 58 kDa
Observed band size: 60 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.