



4 Hydroxynonenal Mouse mAb

货号: **AYT1133**

产品信息

反应	Species independent
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	WB 1:1000-1:3000: IHC 1:100-1:500: IF 1:100-1:600:
理论分子量	0.156 kDa
实测分子量	70KD
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	
阳性对照	
细胞定位	
纯化	Affinity purification

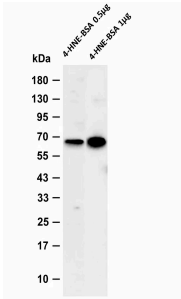
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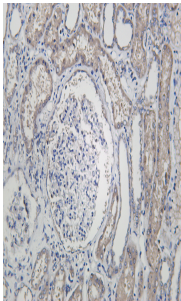
靶点信息

研究背景	4-Hydroxynonenal (4-HNE) often referred to as HNE is a highly reactive aldehyde with a molar mass of approximately 156.19 g/mol. It plays a significant role in lipid peroxidation processes. 4-HNE forms during the oxidative degradation of polyunsaturated fatty acids and is present mostly in tissues with high metabolic activity. It is frequently expressed in the liver brain and heart where oxidative stress is elevated. Researchers commonly use techniques like 4-HNE staining and 4-HNE Western blot to study its presence and implications in various tissues and cells.
基因ID	
基因名	
Swiss	
别名	4-Hydroxy-2-Nonenal; 4Hydroxynonenal; 4-Hydroxynonenal; HNE; 4HNE; 4-HNE; (E)-4-Hydroxy-2-nonenal; 2-Nonenal, 4-hydroxy-, (2E)-; (2E)-4-Hydroxy-2-nonenal; 4-Hydroxy-2(E)-nonenal; ; 4-HNE/4-Hydroxynonenal;

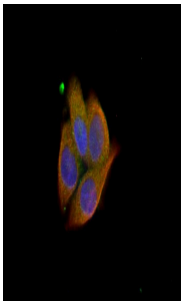
产品验证



Western blot analysis of extracts from K562, C6 cells using 4 Hydroxynonenal at 1:1000.



Human kidney was stained with anti-4 Hydroxynonenal Mouse antibody,1:100



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab 4 Hydroxynonenal (1:100) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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