MDA Lysine Rabbit Polyclonal Antibody

Cat#: 3091

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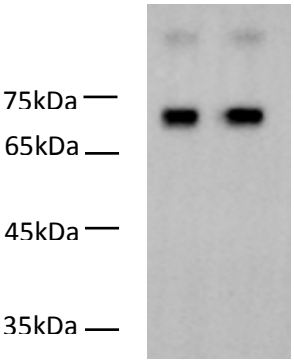
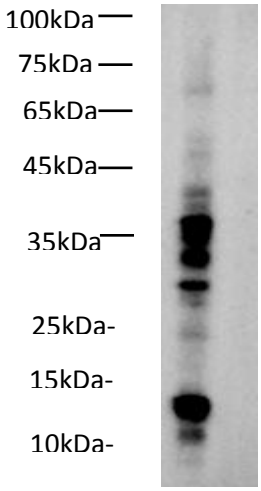
Only For Research. Not For Diagnosis.

Attribute:	Rabbit Polyclonal Antibody
Isotype:	IgG
Purity:	Antigen Affinity Purification
Application:	WB, IP, ELISA
Reactivity:	MDA aducts
Immunogen:	MDA protein
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20℃. Do not aliquot
Recommended Dilution:	WB: 1:1000-2000 IP: 1:5000-10000



Western blot of anti-MDA Lysine Rabbit Polyclonal Antibody on MDA-HSA protein at dilution of 1:1000

Background:
Malondialdehyde (MDA) and acetaldehyde (AA) react synergistically to form hybrid malondialdehyde–acetaldehyde (MAA) adducts . MAA adducts are unique among aldehyde–protein adducts in their stability, potent immunogenicity, ability to alter protein regulatory elements (i.e.,ε-amino lysine residue), and dose-dependent direct cellular toxicity . These properties of MAA adducts represent one pathogenic mechanism by which classical risk factors for cardiovascular disease(i.e., hypertension, hyperlipidemia, diabetes, and tobacco use) may result in inflammation and lead to specific clinical entities such as atherosclerosis.



Western blot of anti-MDA Lysine Rabbit Polyclonal Antibody on Hela lysates at dilution of 1:1000