

ALPHA SMOOTH MUSCLE ACTIN (3G2) MOUSE MAB

货号: N261262

产品全名: alpha Smooth Muscle Actin (3G2) 小鼠单抗

基因符号 ACTA2; ACTSA; ACTVS; GIG46; Actin; aortic smooth muscle;
Alpha-actin-2; Cell growth-inhibiting gene 46 protein; α -SMA

UNIPROT ID: P62736

背景: Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. Defects in ACTA2 are the cause of aortic aneurysm familial thoracic type 6 (AAT6) [MIM:611788]. They are primarily associated with a characteristic histologic appearance known as 'medial necrosis' or 'Erdheim cystic medial necrosis' in which there is degeneration and fragmentation of elastic fibers, loss of smooth muscle cells, and an accumulation of basophilic ground substance.

抗原: Synthetic Peptide of α -SMA

经过测试的应用: WB,IHC-F,IHC-P,ICC/IF

推荐稀释比: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

种属反应性: Mouse

克隆性: Mouse Monoclonal

克隆编号: 3G2-2G9-4G5

分子量: Calculated MW: 42 kDa; Observed MW: 42 kDa

亚型: IgG1

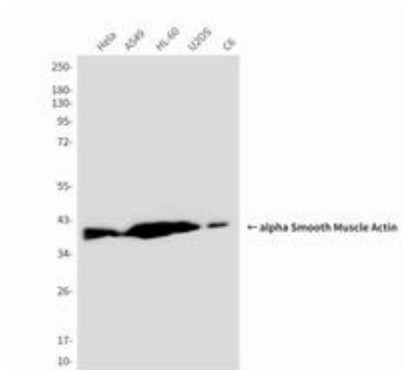
纯化: Affinity Purified

种属反应性: Human, Mouse and Rat

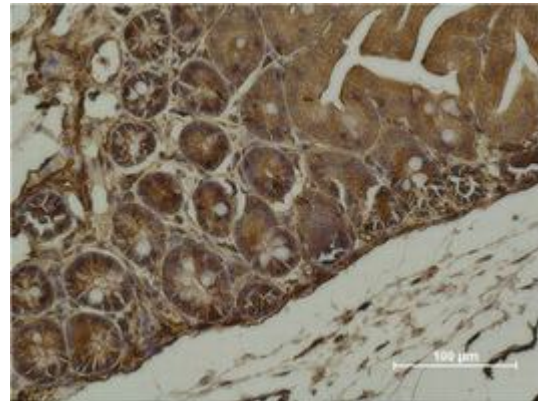
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Signal Transduction

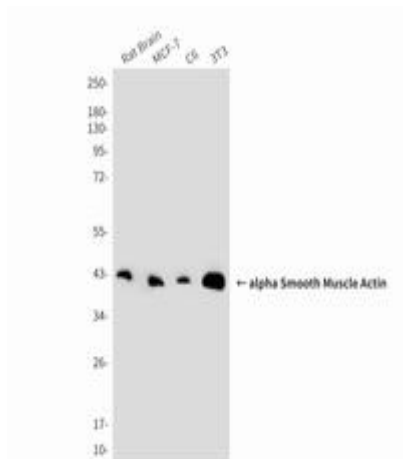
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of alpha Smooth Muscle Actin (3G2) in HeLa, A549, HL6, U2OS, C6 lysates using alpha Smooth Muscle Actin (3G2) antibody



Immunohistochemistry analysis of paraffin-embedded mouse Cecal Tissue using alpha Smooth Muscle Actin (3G2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of alpha Smooth Muscle Actin (3G2) in Rat Brain, MCF-7, C6 and 3T3 lysates using alpha Smooth Muscle Actin (3G2) antibody