



Anti- α -Smooth Muscle Actin Rabbit Polyclonal Antibody

Catalog No.	EM42180-01	EM42180-02
Size	50 μ l	100 μ l
Species reactivity:	Human Mouse Rat	Molecular Weight: 42KD

Background: Actin is a globular multi-functional protein that forms microfilaments. ACTA2 codes for an α -actin located in the smooth muscle, and also in vascular smooth muscle.

All Names: AAT6 antibody, ACTA2 antibody, alpha actin 2 antibody, GIG46 antibody, ACTSA antibody, ACTVS antibody

Specificity: The α -Smooth Muscle Actin antibody can detect endogenous α -Smooth Muscle Actin protein.

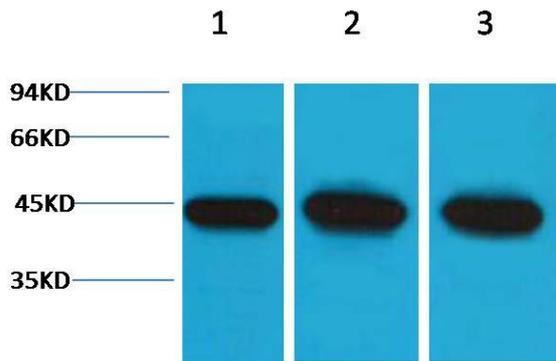
Application: WB: 1:2,000-1:5,000 IHC:1:500-1:1,000

Optimal dilutions/concentrations should be determined by the end user.

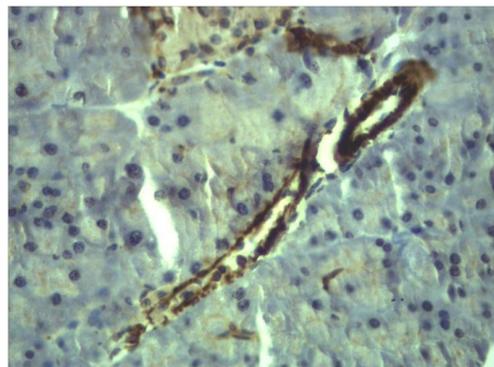
Form: Liquid, 1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of 1) HeLa, 2)3T3, 3) Rat Kidney tissue with α -Smooth Muscle Actin diluted at 1:5,000.



Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using α -Smooth Muscle Actin Rabbit pAb diluted at 1:500.