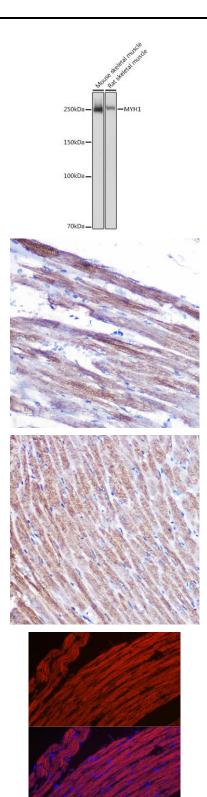
MYH1 Rabbit Polyclonal Antibody

CAB6935



Product Information	Protein Background
Size:	Myosin is a major contractile protein which converts chemical energy into mechanical energy
20uL, 50uL, 100uL, 200uL	through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are
Observed MW:	encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show
250KDa	expression that is spatially and temporally regulated during development.
Calculated MW:	Immunogen information
223kDa	Gene ID:
Applications:	4619
WB IHC IF	Uniprot
Reactivity:	P12882
Human, Mouse, Rat	Synonyms: MYH1; HEL71; MYHSA1; MYHa; MyHC-2X/D; MyHC-2x; myosin-1
Antibody Information	
Recommended dilutions: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100	Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human MYH1 (NP_005954.3).
Source: Rabbit	
	Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
lsotype: lgG	sodium azide, 50% glycerol, pH7.3.

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using MYH1 antibody (CAB6935) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.

Immunohistochemistry of paraffin-embedded rat heart using MYH1 Rabbit pAb (CAB6935) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse heart using MYH1 Rabbit pAb (CAB6935) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of rat heart using MYH1 Rabbit pAb (CAB6935) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.