

## Actin Rabbit pAb

db1959

Package : 20µL 50µL 100µL

**Product Name** : Actin Rabbit pAb**Cat.No.:** db1959**Synonyms** : ACTA; ASMA; CFTD; MPFD; NEM1; NEM2; NEM3; SHPM; CFTD1; CFTDM**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects.

[provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Actin

**Gene ID**

58

**Swiss Prot**

P68133

**Synonyms**

ACTA; ASMA; CFTD; MPFD; NEM1; NEM2; NEM3; SHPM; CFTD1; CFTDM

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:200

FC: 1:20

**Calculated MW**

42 kDa

**Observed MW**

42 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

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<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.