

## $\beta$ -actin Polyclonal Antibody

Catalog No.	QYA10734A
Size.	100ug
Source.	Rabbit
Concentration.	1 mg/ml
Storage / Stability.	-20°C/1 year
Reactivity.	H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig
Applications.	WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation
Predicted band (Da)	45
Observed band (KDa)	45
Dilution.	Wb 1: -5000; IF 1:500;IHC 1:200
Other	<p><math>\beta</math>-Actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, Antibodies against <math>\beta</math>-Actin are useful as loading controls for Western Blotting. However it should be noted that levels of <math>\beta</math>-Actin may not be stable in certain cells. For example, expression of <math>\beta</math>-Actin in adipose tissue is very low and therefore <math>\beta</math>-Actin should not be used as loading control for these tissues.</p>