

Anti-Beta-Actin Antibody (4T285)

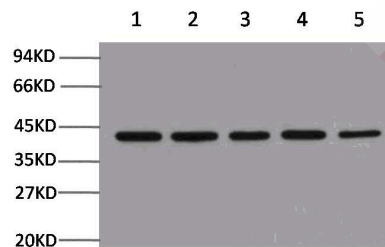
Product Details

Reactivity:	Human,Mouse,Rat,Monkey,Dog,Chicken,Hamouseter,Rabbit
Conjugation:	Unconjugated
Molecular Weight:	Actual: 43 kDa.
Clone:	4T285

Applications

Verified Activity:

1. Western blot analysis of Hela (1), Rat brain (2), Mouse brain (3), Chicken lung (4), and Rabbit testis (5) with β -Actin mouse mAb.



Application:	IF,IHC,WB
Recommended	WB: 1:3000-10000; IHC: 1:200; IF: 1:200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Full-length β -Actin protein of human
Antigen Species:	human
Uniprot ID:	P60709
Synonyms:	ACTB;Beta-Actin; β -Actin Protein; β -actin;Actin Cytoplasmic 1

Research Background

beta-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 beta-Actin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-Actin may not be stable in certain cells. For example, expression of beta-Actin in adipose tissue is very low and therefore it should not be used as loading control for these tissues.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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