

A86097Hu01
Polyclonal Antibody to Actin
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

3th Edition (Revised in August, 2012)

[PRODUCT INFORMATION]

Immunogen: Actin

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Human

Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100ug

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human Actin (Met1~Phe375) expressed in *E.coli*.

Molecular Weight: 43.26 kDa

USCN accession No.: P86097Hu01

Sequence: The target protein is fused with a His-tag and its sequence is listed below.

MGHHHHHHSG SEF-MDDDIAA LVVDNGSGMC KAGFAGDDAP RAVFPSIVGR PRHQGVVMGM GQKDSYVGDE AQSKRGILT
KYPTEHGIVT NWDDMEKIWH HTFYNELRVA PEEHPVLLTE APLNPKANRE KMTQIMFETF NTPAMYVAIQ AVLSLYASGR
TTGIVMDSGD GVTHTVPIYE GYALPHAILR LDLAGRDLTD YLMKILTERG YSFTTTAERE IVRDIKEKLC YVALDFEQEM
ATAASSSSLE KSYELPDGQV ITIGNERFRC PEALFQPSFL GMESCGIHET TFNSIMKCDV DIRKDLYANT VLSGGTTMYP
GIADRMQKEI TALAPSTMKI KIIAPPERKY SVWIGGSILA SLSTFQQMWI SKQEYDESGP SIVHRKCF



[ANTIBODY SPECIFICITY]

Anti Actin is a rabbit polyclonal antibody raised against human Actin. This antibody has been selected for its ability to recognize human Actin in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 20% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.