

# Actin $\beta$ Rabbit Polyclonal Antibody

OPR1592

<b>Reactivity</b>	H,M,R,Ck,Bv,Hm, Pg,Gf,Ct,Dg,Ov	<b>Storage</b>	-20°C, Avoid freeze / thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	IF;WB;IHC;ELISA
<b>Isotype</b>	IgG	<b>Concentration</b>	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Immunogen Information

<b>Immunogen</b>	Synthesized peptide derived from the N-terminal region of human Actin $\beta$ . AA range: 1-80
<b>Human Swiss-Prot Number</b>	P60709
<b>Synonyms</b>	ACTB; Actin; cytoplasmic 1; Beta-actin; Actin $\beta$ ; $\beta$ -Actin; Beta actin

## Product Information

<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IF: 1:50-200, WB: 1/2000 - 1/10000, IHC: 1/100 - 1/300, ELISA: 1/20000.
<b>Observed MW</b>	42 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

## Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

## Research Use

For research use only, not for use in diagnostic procedures.

## Legend

**Applications:** WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

**Reactivity:** H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow, Bv- Bovine, Ov-Ovine, Gf- Globefish, Ct-Cat

Please contact Origin Diagnostics and Research for further assistance

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