



# Anti-ACTB polyclonal antibody (DPAB2705RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Product Overview	Rabbit polyclonal to human $\beta$ -actin (c-term).
Immunogen	Synthetic peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Cytoplasm
Positive Control	HeLa cells
Format	HEPES with 0.15M NaCl, 0.01% BSA, 0.03% sodium azide, and 50% glycerol.
Concentration	2 mg/ml
Size	100 $\mu$ l
Preservative	0.03% Sodium Azide
Storage	Store for 1 year at -20 °C from date of shipment.

## GENE INFORMATION

Gene Name [ACTB actin, beta \[ Homo sapiens \]](#)

<b>Synonyms</b>	ACTB; actin, beta; PS1TP5BP1; actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1; Beta-actin; OTTHUMP00000024886
<b>Entrez Gene ID</b>	<a href="#">60</a>
<b>Protein Refseq</b>	<a href="#">NP_001092</a>
<b>UniProt ID</b>	<a href="#">P60709</a>
<b>Chromosome Location</b>	7p22
<b>Pathway</b>	Adherens junction; Bacterial invasion of epithelial cells; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Chaperonin-mediated protein folding; Cooperation of Prefoldin and TriC/CCT in actin and tubulin folding; Focal Adhesion; Dilated cardiomyopathy; Folding of actin by CCT/TriC; Gastric acid secretion; Hypertrophic cardiomyopathy (HCM); Influenza A; Leukocyte transendothelial migration; Metabolism of proteins; Myometrial Relaxation and Contraction Pathways; Pathogenic Escherichia coli
<b>Function</b>	ATP binding; Tat protein binding; kinesin binding; nitric-oxide synthase binding; nucleotide binding; protein binding; protein kinase binding; structural constituent of cytoskeleton