

Product datasheet for **TA323341**

ACTR3B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue and Jurkat cells IHC: 15-50 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 246 amino acids of human ARP3 actin-related protein 3 homolog B (yeast)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	ARP3 actin-related protein 3 homolog B (yeast)
Database Link:	NP_001035225 Entrez Gene 242894 Mouse Entrez Gene 57180 Human Q9P1U1



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Background:

This gene encodes a member of the actin-related proteins (ARP), which form multiprotein complexes and share 35-55% amino acid identity with conventional actin. The protein encoded by this gene may have a regulatory role in the actin cytoskeleton and induce cell-shape change and motility. Pseudogenes of this gene are located on chromosomes 2, 4, 10, 16, 22 and Y. Alternative splicing results in multiple transcript variants and protein isoforms.

Synonyms:

ARP3BETA; ARP11

Product images:

Gel: 10%SDS-PAGE

Lysate: 40 µg

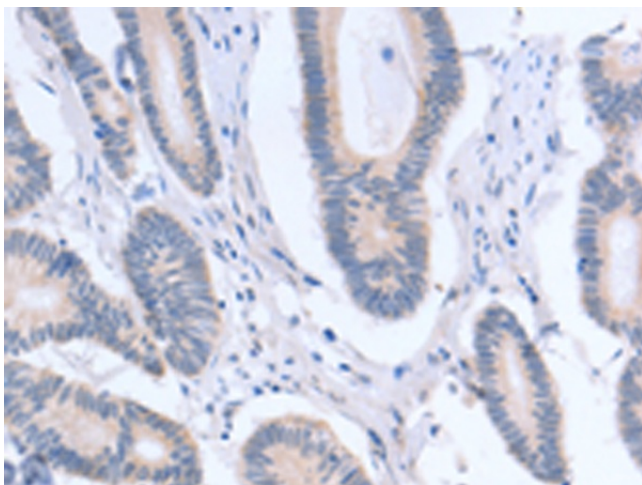
Lane 1-2: Mouse brain tissue

Jurkat cells

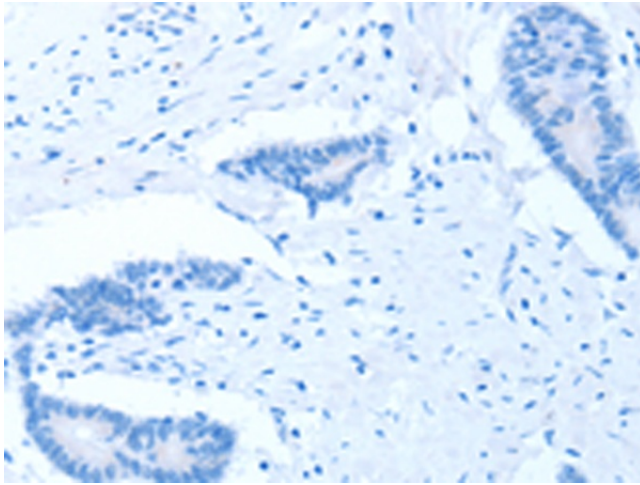
Primary antibody: TA323341 (ACTR3B Antibody)
at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

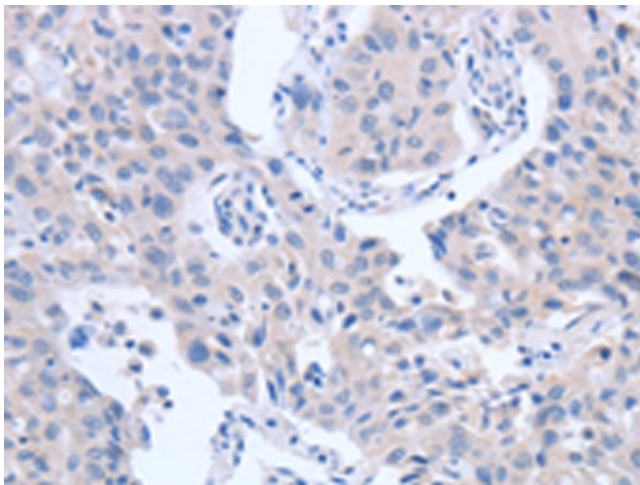
Exposure time: 10 seconds



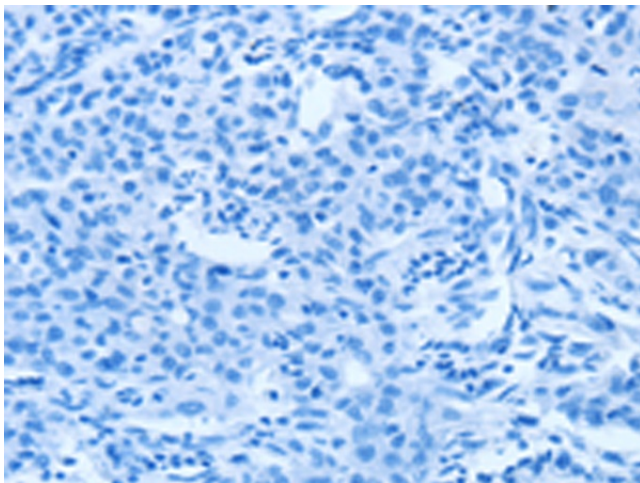
Immunohistochemistry of paraffin-embedded
Human colon cancer tissue using TA323341
(ACTR3B Antibody) at dilution 1/15 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323341 (ACTR3B Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323341 (ACTR3B Antibody) at dilution 1/15 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323341 (ACTR3B Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: $\times 200$)