

## Product datasheet for **TA373957**

### BCAS3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 IP,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 674-913 of human BCAS3 (NP_060149.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	74kDa/99kDa/101kDa/102kDa/103kDa
Gene Name:	breast carcinoma amplified sequence 3
Database Link:	<a href="#">Entrez Gene 54828 Human Q9H6U6</a>



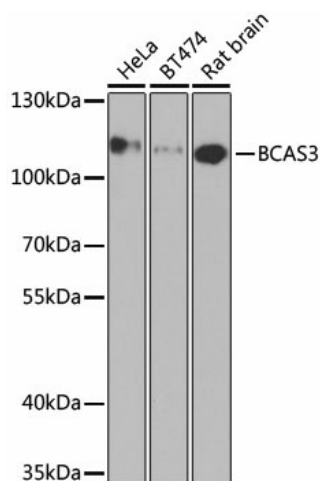
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**Background:**

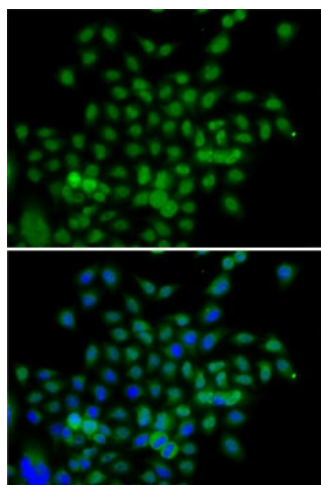
Plays a role in angiogenesis. Participates in the regulation of cell polarity and directional endothelial cell migration by mediating both the activation and recruitment of CDC42 and the reorganization of the actin cytoskeleton at the cell leading edge. Promotes filipodia formation (By similarity. Functions synergistically with PELP1 as a transcriptional coactivator of estrogen receptor-responsive genes. Stimulates histone acetyltransferase activity. Binds to chromatin. Plays a regulatory role in autophagic activity. In complex with PHAF1, associates with the preautophagosomal structure during both non-selective and selective autophagy. Probably binds phosphatidylinositol 3-phosphate (PtdIns3P which would mediate the recruitment preautophagosomal structures.

**Synonyms:**

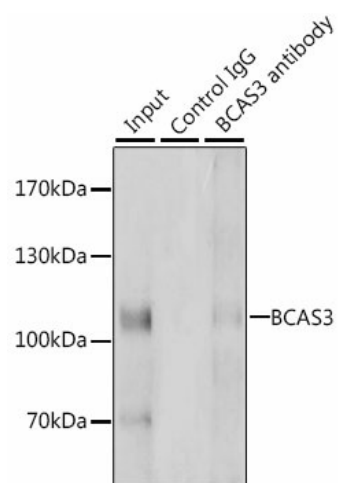
DKFZp686O1527; FLJ20128; GAOB1; MAAB; MGC4973

**Product images:**

Western blot analysis of extracts of various cell lines, using BCAS3 antibody (TA373957) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunofluorescence analysis of A-549 cells using BCAS3 antibody (TA373957). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug BCAS3 antibody (TA373957). Western blot was performed from the immunoprecipitate using BCAS3 antibody (TA373957) at a dilution of 1:1000.