

BCAS3 Polyclonal Antibody

Catalog No :	YT0465
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	BCAS3
Gene Name :	BCAS3
Protein Name :	Breast carcinoma-amplified sequence 3
Human Gene Id :	54828
Human Swiss Prot No :	Q9H6U6
Mouse Gene Id :	192197
Mouse Swiss Prot No :	Q8CCN5
Immunogen :	Synthesized peptide derived from BCAS3 . at AA range: 660-740
Specificity :	BCAS3 Polyclonal Antibody detects endogenous levels of BCAS3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 100kD

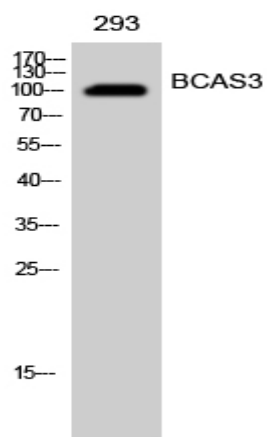
Background : developmental stage:Fetal.,disease:A chromosomal aberration involving BCAS3 may be a cause of breast cancer. Translocation t(17;20)(q23;q13) with BCAS4.,similarity:Belongs to the WD repeat BCAS3 family.,similarity:Contains 3 WD repeats.,tissue specificity:Stomach, liver, lung, kidney, prostate, testis, thyroid gland, adrenal gland, brain, heart, skeletal muscle, colon, spleen, small intestine, placenta, blood leucocyte and mammary epithelial cells. Overexpressed in most breast cancer cell lines.,

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Subcellular Location : Nucleus . Cytoplasm . Cytoplasm, cytoskeleton . Preautophagosomal structure . Localizes in the cytoplasm in stationary cells. Translocates from the cytoplasm to the leading edge in motile cells. Colocalizes with microtubules and intermediate filaments in both stationary and motile cells (By similarity). Associates with chromatin. Recruited to estrogen receptor-induced promoters in a PELP1-dependent manner. The BCAS3:PHAF1 complex is recruited to the preautophagosomal structures adjacent to the damaged mitochondria upon mitophagy in a PRKN-PINK1 dependent manner (PubMed:33499712). .

Expression : Expressed in stomach, liver, lung, kidney, prostate, testis, thyroid gland, adrenal gland, brain, heart, skeletal muscle, colon, spleen, small intestine, placenta, blood leukocyte and mammary epithelial cells. Expressed in undifferentiated ES cells. Expressed in blood islands and nascent blood vessels derived from differentiated ES cells into embryoid bodies (BD). Expressed in endothelial cells. Not detected in brain. Expressed in brain tumors (at protein level). Expressed in brain. Highly expressed in breast cancers and in glioma cell lines.

Products Images



Western Blot analysis of 293 cells using BCAS3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).