

Datasheet for ABIN392804  
**anti-BAI1 antibody (C-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	400 µL
Target:	BAI1
Binding Specificity:	AA 1537-1567, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This BAI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1537-1567 amino acids from the C-terminal region of human BAI1.
Clone:	RB02096
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	BAI1
Alternative Name:	BAI1 ( <a href="#">BAI1 Products</a> )

## Target Details

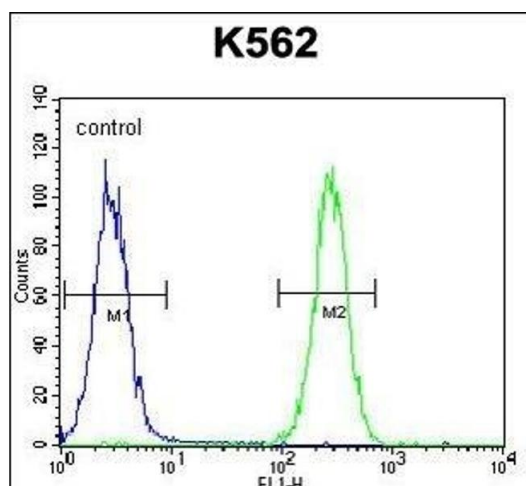
Background:	Angiogenesis is controlled by a local balance between stimulators and inhibitors of new vessel growth and is suppressed under normal physiologic conditions. Angiogenesis has been shown to be essential for growth and metastasis of solid tumors. In order to obtain blood supply for their growth, tumor cells are potently angiogenic and attract new vessels as results of increased secretion of inducers and decreased production of endogenous negative regulators. BAI1 contains at least one 'functional' p53-binding site within an intron, and its expression has been shown to be induced by wildtype p53. There are two other brain-specific angiogenesis inhibitor genes, designated BAI2 and BAI3 which along with BAI1 have similar tissue specificities and structures, however only BAI1 is transcriptionally regulated by p53. BAI1 is postulated to be a member of the secretin receptor family, an inhibitor of angiogenesis and a growth suppressor of glioblastomas.
Molecular Weight:	173501
Gene ID:	575
NCBI Accession:	<a href="#">NP_001693</a>
UniProt:	<a href="#">O14514</a>
Pathways:	<a href="#">p53 Signaling</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

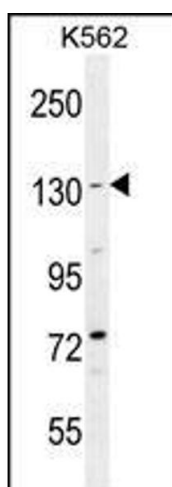
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



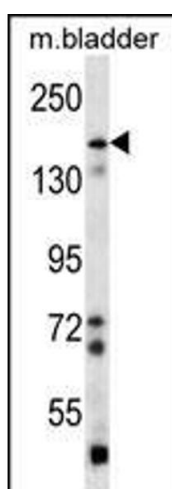
### Flow Cytometry

**Image 1.** BAI1 Antibody (C-term) (ABIN392804 and ABIN2842241) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** BAI1 Antibody (ABIN392804 and ABIN2842241) western blot analysis in K562 cell line lysates (35  $\mu$ g/lane). This demonstrates the BAI1 antibody detected the BAI1 protein (arrow).



### Western Blotting

**Image 3.** BAI1 Antibody (ABIN392804 and ABIN2842241) western blot analysis in mouse bladder tissue lysates (35  $\mu$ g/lane). This demonstrates the BAI1 antibody detected the BAI1 protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN392804.