

## GRP78 BiP Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP15794
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic peptide from human protein at AA range: 505-570
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	GRP78 BiP
Synonyms	GRP78 BiP; 78 kDa glucose-regulated protein; GRP-78; Endoplasmic reticulum luminal Ca <sub>2</sub> <sup>+</sup> -binding protein grp78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein transport through the cell.

### Recommended Dilution

WB: 1: 500 - 1: 2000

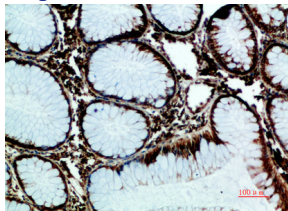
IHC-p: 1: 500 - 1: 200

ELISA: 1: 20000

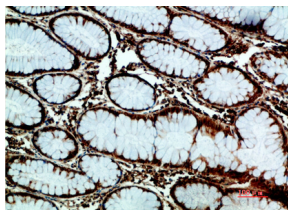
ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

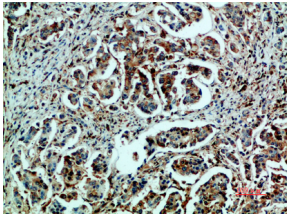
### Images



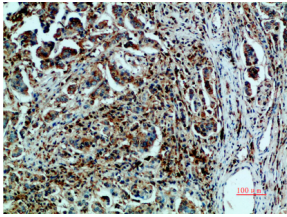
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



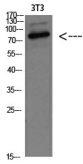
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:200



Western blot analysis of 3T3 Cell Lysate, antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)