

IRS-1(Phospho Ser307) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10508
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human IRS-1 (phospho Ser307)
Mol wt	131591
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Insulin receptor substrate 1
Synonyms	Insulin receptor substrate 1; IRS1; Insulin receptor substrate 1; IRS-1

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

Background

This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.

Recommended Dilution

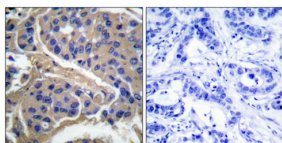
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

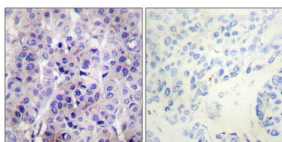
ELISA: 1: 5000

Not yet tested in other applications.

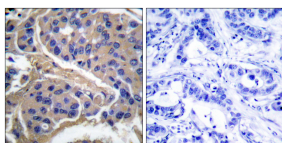
Images



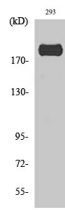
Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4°C overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4°C overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of paraffin-embedded human breast cancer, using IRS-1 (Phospho-Ser307) Antibody. The picture on the right is blocked with the IRS-1 (Phospho-Ser307) peptide.



Western Blot analysis of various cells using Phospho-IRS-1 (S307) Polyclonal Antibody diluted at 1:1000

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 | www.bt-laboratory.com