AbboMax, Inc

Innovation at Work

Order Information

Description: Rabbit anti-14.3.3 beta
Catalogue#: 500-2924
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Isotyping: N/A
Application: WB, IP, IHC(P),
Reactivity: Hu, Rt, Ms

Rabbit anti 14-3-3 beta Polyclonal Antibody

Alternate Names: YWHAB; GW128; HS1; KCIP-1

ANTIGEN PREPARATION

A synthetic peptide corresponding to N-term of human 14.3.3 beta protein.

BACKGROUND

The 14-3-3 proteins are a family of small, widely expressed, highly conserved cytosolic proteins. 14-3-3 proteins bind to and influence the activities of a diverse group of molecules involved in signal transduction, cell cycle regulation and apoptosis, including Raf, PKC, Bad, Cbl, and c-Bcr. Interactions between 14-3-3 and target proteins are strongly influenced by the phosphorylation state of 14-3-3 and the target protein. 14.3.3 beta is highly expressed in brain tissue. It is critical to cell transformation and mitotic signaling.

PURIFICATION

The rabbit IgG is purified by Epitope- Affinity Purification.

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~28 kDa of human 14.3.3 beta. It does not react to the other isoforms. This antibody reacts with human, rat and mouse. The other species are not tested.

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

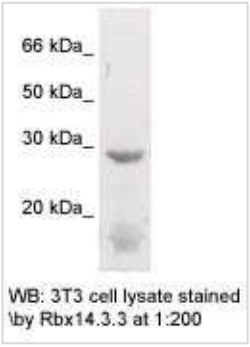
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	1-2 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	1:100
Flow cytometry	Not tested

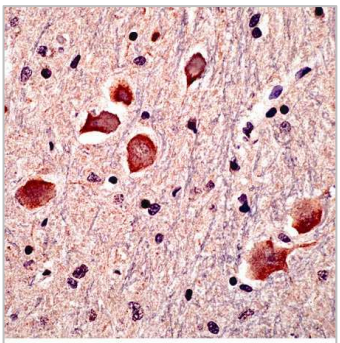
MOLECULAR WEIGHT:	~28 kDa
POSITIVE CONTROL:	3T3, Brain tissue
CELLULAR LOCATION:	Cytoplasmic

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



WB: 3T3 cell lysate stained by Rbx14.3.3 at 1:200


IHC: Human brain stained by Rb x 14.3.3 beta at 1:100

REFERENCES

Zhi-jun Luo, et al. Identification of the 14.3.3 Domains Important for Self-association and Raf Binding. J. Bio. Chem 270 (40), 23681–23687, 1995

FOR RESEARCH USE ONLY.

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