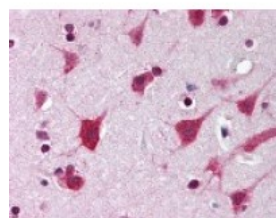




TARBP2 Antibody

CATALOG NUMBER: 49-320



Immunohistochemistry staining of
TARBP2 in brain cortex tissue using
TARBP2 Antibody.

Specifications

SPECIES REACTIVITY:	Bovine, Chimpanzee, Human, Mouse, Rat, Zebrafish
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	TARBP2 antibody can be used in ELISA, Western Blot, immunohistochemistry starting at 5 ug/mL, and immunofluorescence starting at 10 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	The amino acid sequence used as immunogen is 100% homologous in human (isoforms a and b), mouse, rat, bovine, chimp, and zebrafish. Human isoform a is a 366 amino acid protein, and human isoform b is a 345 amino acid protein.
IMMUNOGEN:	A portion of amino acids 150-200 of human TRBP2.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.2% gelatin, 0.05% sodium azide.
STORAGE CONDITIONS:	TARBP2 antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TARBP2, TAR RNA binding protein 2, TRBP1, TRBP2, TAR RNA-binding protein 2, TRBP, LOQS
ACCESSION NO.:	Q15633
PROTEIN GI NO.:	209572714
OFFICIAL SYMBOL:	TARBP2
GENE ID:	6895

Background

BACKGROUND:

Principal Names: TAR (HIV) RNA-binding protein 2; HIV-Transactivating response RNA-binding protein; TRBP; Official Gene Symbol: TARBP2 TRBP belongs to the family of dsRNA-binding proteins. It consists of highly conserved 2 dsRNA-binding domains and C-terminal basic region. It is a unique cellular protein capable of binding to HIV-TAR RNA and stimulates expression of HIV-1 long terminal repeats. It also inhibits the host antiviral and anti-proliferative mechanisms by directly binding to IFN-regulated dsRNA-dependent protein kinase (PKR). TRBP associates with Ago2 protein and forms an integral component of Dicer-containing complex. It has a role in micro RNA processing and in RISC assembly. Other functions of TRBP include promoting cellular growth and tumorigenesis.

FOR RESEARCH USE ONLY

December 13, 2016