

Anti-TOB (pS164) Antibody
Rabbit polyclonal antibody to TOB (pS164)
Catalog # AP61276**Specification**

Anti-TOB (pS164) Antibody - Product Information

Application	WB, IHC
Primary Accession	P50616
Other Accession	Q61471
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38155

Anti-TOB (pS164) Antibody - Additional Information**Gene ID** 10140**Other Names**

TOB; TROB1; Protein Tob1; Transducer of erbB-2 1

Target/Specificity

Recognizes endogenous levels of TOB (pS164) protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-TOB (pS164) Antibody - Protein Information**Name** TOB1**Synonyms** TOB, TROB1**Function**

Anti-proliferative protein; the function is mediated by association with deadenylase subunits of the CCR4-NOT complex (PubMed:23236473, PubMed:8632892). Mediates CPEB3-accelerated mRNA deadenylation by binding to CPEB3 and recruiting CNOT7 which leads to target mRNA deadenylation and decay (PubMed:21336257).

Cellular Location

Cytoplasm. Nucleus. Note=Only a small fraction localizes to the cytoplasm except in late S- phase where more than half of proteins become cytoplasmic

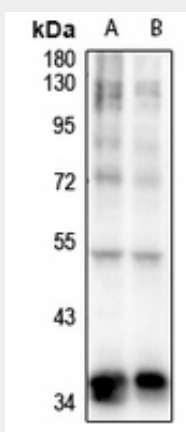
Tissue Location

Ubiquitous.

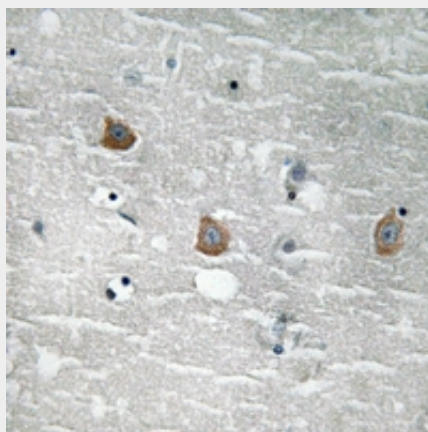
Anti-TOB (pS164) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TOB (pS164) Antibody - Images

Western blot analysis of TOB (pS164) expression in HEK293T (A), H1792 (B) whole cell lysates.



Immunohistochemical analysis of TOB (pS164) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with

sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-TOB (pS164) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TOB (pS164). The exact sequence is proprietary.