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Anti-TOB (pS164) Antibody

Rabbit polyclonal antibody to TOB (pS164)
Catalog # AP61276

Product Information

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

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

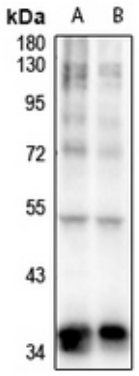
Protein Information

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.

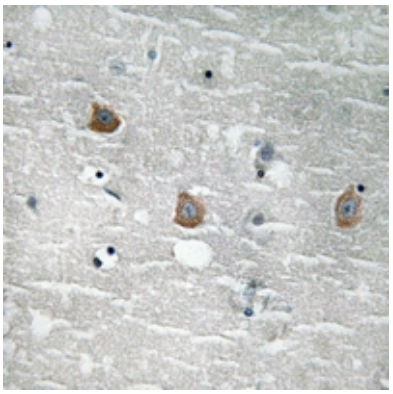
Background

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

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.