

Product datasheet for **AP05149PU-N**

TOB (TOB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1-5 µg/ml. <i>Positive Control:</i> HeLa cell lysate.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from the TOB protein
Specificity:	This antibody recognizes TOB1.
Formulation:	Phosphate buffered saline with 0.08% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transducer of ERBB2, 1
Database Link:	Entrez Gene 10140 Human P50616
Background:	Rabbit anti-human TOB (Transducer Molecule of erbB-2) reacts with a 45 kDa protein originally identified as a molecule that interacts with the ErbB-2 protein, a receptor protein tyrosine kinase (RPTK). TOB does not contain either SH2 or SH3 domains but is homologous with the N terminus of the anti-proliferative BTG-1 protein. Like BTG-1, TOB when exogenously expressed, is able to suppress the growth of NIH3T3 cells. This growth suppression is hindered by the presence of kinase-active p185erbB2.
Synonyms:	TOB, TROB1



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