

**AP08534PU-N****Polyclonal Antibody to TARDBP - Purified**

<b>Alternate names:</b>	TAR DNA-binding protein 43, TDP-43, TDP43
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1 mg/ml
<b>Background:</b>	HIV1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV1 transcription. In addition, this protein regulates alternate splicing of the CFTR (Cystic Fibrosis Transmembrane Regulator) gene.
<b>Uniprot ID:</b>	<a href="#">Q13148</a>
<b>NCBI:</b>	<a href="#">NP_031401.1</a>
<b>GeneID:</b>	<a href="#">23435</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Synthetic peptide corresponding to an 18 amino acid peptide from near the center of Human TARDBP
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> PBS containing 0.02% Sodium Azide as preservative
<b>Applications:</b>	<b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot:</b> 1 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes only the longer of the two Isoforms.
<b>Species Reactivity:</b>	<b>Tested:</b> Human. <b>Expected from sequence similarity:</b> Mouse and Rat.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C . Shelf life: One year from despatch.

**Pictures:**

Breast: Formalin-Fixed Paraffin-Embedded (FFPE)

