# Product datasheet for TA322745S

## Deltex (DTX1) Rabbit Polyclonal Antibody

## Product data:

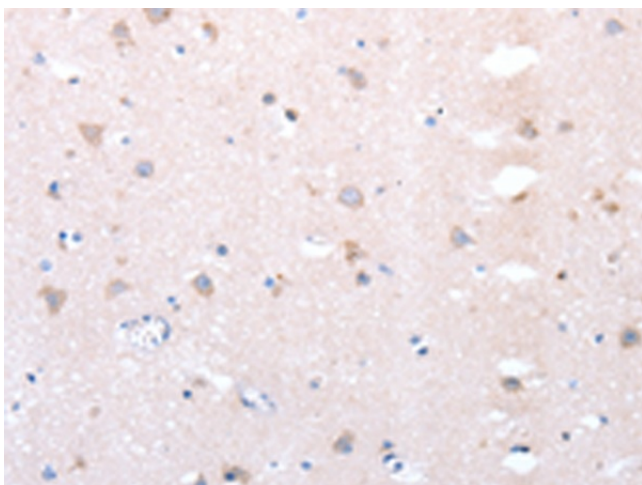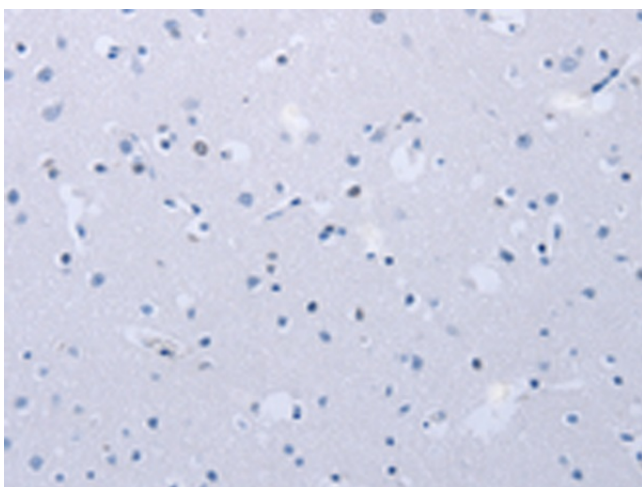| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC |
| **Recommended Dilution:** | IHC: 25-100<br>Positive control: Human brain<br>Predicted cell location: Cytoplasm |
| **Reactivity:** | Human, Mouse |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Synthetic peptide corresponding to a region derived from 50-64 amino acids of Human deltex homolog 1 (Drosophila) |
| **Formulation:** | PBS pH7.3, 0.05% NaN3, 50% glycerol |
| **Purification:** | Antigen affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Gene Name:** | deltex 1 |
| **Database Link:** | NP_004407<br>Entrez Gene 14357 MouseEntrez Gene 1840 Human<br>Q86Y01 |
| **Background:** | Protein deltex-1 is a protein that in humans is encoded by the DTX1 gene. Studies in Drosophila have identified this gene as encoding a positive regulator of the Notch-signaling pathway. The human gene encodes a protein of unknown function; however; it may play a role in basic helix-loop-helix transcription factor activity. DTX1 has been shown to interact with EP300. Functions as an ubiquitin ligase protein in vivo; mediating ubiquitination and promoting degradation of MEKK1; suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity. |
| **Synonyms:** | hDx-1 |

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**Protein Families:**      Druggable Genome, Transcription Factors

**Protein Pathways:**      Notch signaling pathway

## Product images:



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322745] (DTX1 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322745] (DTX1 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)