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# Product datasheet for TA322358S

## DOP1A Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC |
| **Recommended Dilution:** | IHC: 25-100<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm |
| **Reactivity:** | Human, Mouse |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Synthetic peptide corresponding to a region derived from 400-414 amino acids of human |
| **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:** | dopey family member 1 |
| **Database Link:** | NP_055833<br>Entrez Gene 320615 MouseEntrez Gene 23033 Human<br>Q5JWR5 |
| **Background:** | This gene belongs to the dopey family. It is a transporter protein; possibly involved in protein traffic between late Golgi and early endosomes. This gene plays a potential role in functional brain alterations and in the pathogenesis of mental retardation in Down syndrome; it overexpression in the brain regions; that are altered in Down syndrome patients and involved in learning and memory processes. |
| **Synonyms:** | dJ202D23.2; KIAA1117 |
| **Protein Families:** | Druggable Genome |

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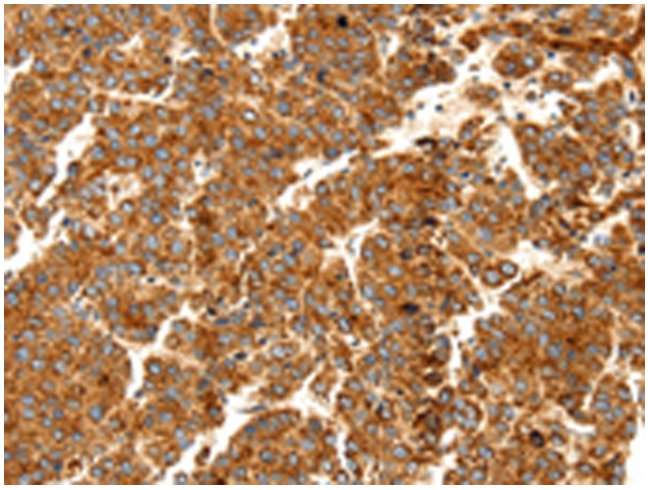
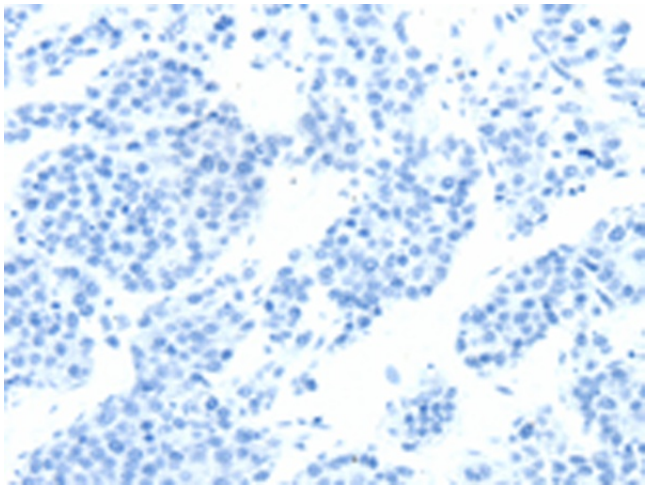
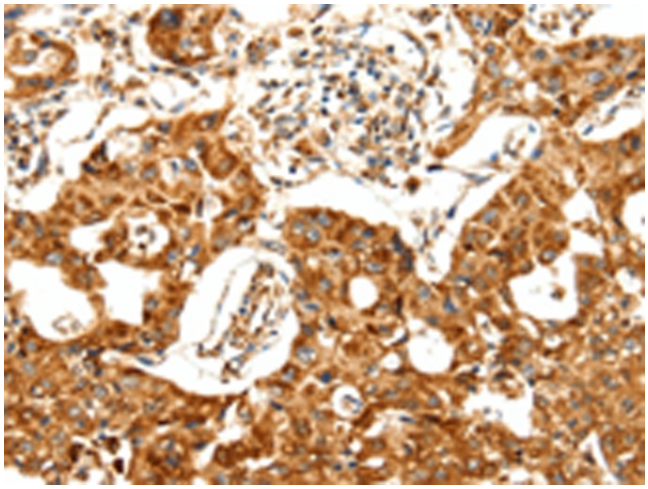
## Product images:



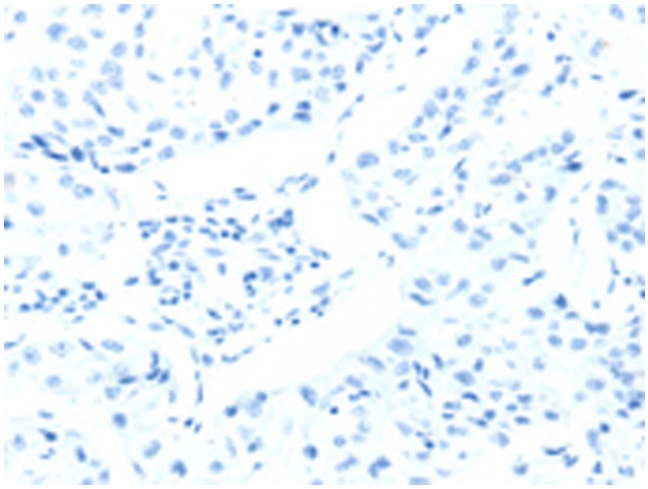
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322358] (DOP1A Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322358] (DOP1A Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA322358] (DOP1A Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA322358] (DOP1A Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)