

## **Product datasheet for TA303168**

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## **DROSHA Goat Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

**Recommended Dilution:** ELISA: 1:32,000. WB: 0.5-1.5µg/ml.

**Reactivity:** Human (Expected from sequence similarity: Mouse, Rat, Dog)

Host: Goat Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Peptide with sequence C-KQTDKQKLAQRE, from the internal region of the protein sequence

according to NP\_081075.2.

**Formulation:** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

**Concentration:** lot specific

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20 $^{\circ}$ C. Minimize

freezing and thawing.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Gene Name: drosha ribonuclease III

Database Link: NP 001093882

Entrez Gene 14000 MouseEntrez Gene 310159 RatEntrez Gene 479375 DogEntrez Gene 29102

<u>Human</u> <u>Q9NRR4</u>





### **DROSHA Goat Polyclonal Antibody - TA303168**

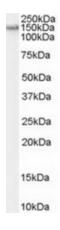
**Background:** Members of the ribonuclease III superfamily of double-stranded (ds) RNA-specific

endoribonucleases participate in diverse RNA maturation and decay pathways in eukaryotic and prokaryotic cells (Fortin et al., 2002 [PubMed 12191433]). The RNase III Drosha is the core nuclease that executes the initiation step of microRNA (miRNA) processing in the nucleus (Lee

et al., 2003 [PubMed 14508493]). [supplied by OMIM]

Synonyms: ETOHI2; HSA242976; RANSE3L; RN3; RNASE3L; RNASEN

# **Product images:**



TA303168 (0.5ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.