

#### **Product datasheet for TA358373**

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# **FGF8 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human, Mouse

**Host:** Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep,

Zebrafish

Homology: Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 75%; Human: 100%; Mouse:

100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 75%; Zebrafish: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

**Purification:** Affinity Purified

**Conjugation:** Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 22kDa

**Gene Name:** fibroblast growth factor 8

Database Link: NP 006110

Entrez Gene 14179 MouseEntrez Gene 2253 Human

P55075-3





Background:

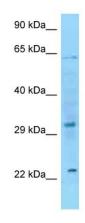
The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is known to be a factor that supports androgen and anchorage independent growth of mammary tumor cells. Overexpression of this gene has been shown to increase tumor growth and angiogensis. The adult expression of this gene is restricted to testes and ovaries. Temporal and spatial pattern of this gene expression suggests its function as an embryonic epithelial factor. Studies of the mouse and chick homologs revealed roles in midbrain and limb development, organogenesis, embryo gastrulation and left-right axis determination. The alternative splicing of this gene results in four transcript variants.

Synonyms: AIGF; FGF-8; HBGF-8; KAL6; MGC149376

Protein Families: Druggable Genome, Secreted Protein

**Protein Pathways:** MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

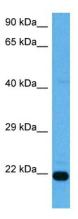
# **Product images:**



WB Suggested Anti-FGF8 Antibody Titration: 1.0 ug/ml

Positive Control: Hela Whole Cell





Host: Rabbit
Target Name: Fgf8
Sample Type: Mouse Pancreas Lysate
Antibody Dilution: 1.0µg/ml

Host: Mouse Target Name: FGF8

Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml