

## Product datasheet for **TA321017**

### FGF8 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-3µg/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Pig)
Host:	Goat
Clonality:	Polyclonal
Immunogen:	internal region of NP_149355.1; NP_006110.1; NP_149354.1; NP_149353.1 (HTTEQSLRFEFLNYP)
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.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fibroblast growth factor 8
Database Link:	<a href="#">NP_149353</a> <a href="#">Entrez Gene 14179 Mouse</a> <a href="#">Entrez Gene 29349 Rat</a> <a href="#">Entrez Gene 403868 Dog</a> <a href="#">Entrez Gene 2253 Human</a> <a href="#">P55075</a>



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**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 angiogenesis. 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. [provided by RefSeq]

**Synonyms:**

AIGF; FGF-8; HBGF-8; HH6; KAL6

**Note:**

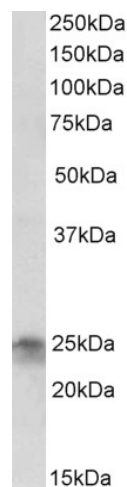
This antibody is expected to recognize all reported isoforms (NP\_149355.1; NP\_006110.1; NP\_149354.1; NP\_149353.1)

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

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

**Product images:**

FGF8 antibody (2ug/ml) staining of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.