

FGF-23 Polyclonal Antibody
Catalog # AP73354**Specification****FGF-23 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	O9GZV9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

FGF-23 Polyclonal Antibody - Additional Information**Gene ID** 8074**Other Names**

FGF23; HYPF; Fibroblast growth factor 23; FGF-23; Phosphatonin; Tumor-derived hypophosphatemia-inducing factor

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

FGF-23 Polyclonal Antibody - Protein Information**Name** FGF23**Synonyms** HYPF**Function**

Regulator of phosphate homeostasis (PubMed:[11062477](http://www.uniprot.org/citations/11062477)). Inhibits renal tubular phosphate transport by reducing SLC34A1 levels (PubMed:[11409890](http://www.uniprot.org/citations/11409890)). Up-regulates EGR1 expression in the presence of KL (By similarity). Acts directly on the parathyroid to decrease PTH secretion (By similarity). Regulator of vitamin-D metabolism (PubMed:[15040831](http://www.uniprot.org/citations/15040831)). Negatively regulates osteoblast differentiation and matrix mineralization (PubMed:[18282132](http://www.uniprot.org/citations/18282132)).

Cellular Location

Secreted. Note=Secretion is dependent on O-glycosylation

Tissue Location

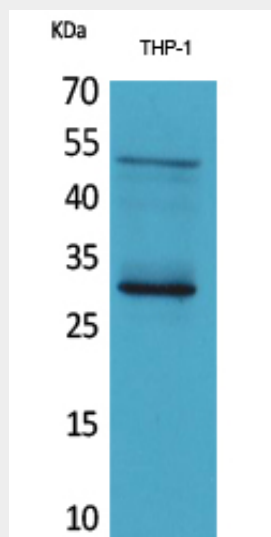
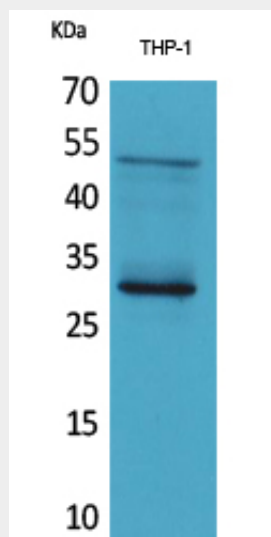
Expressed in osteogenic cells particularly during phases of active bone remodeling. In adult trabecular bone, expressed in osteocytes and flattened bone-lining cells (inactive osteoblasts)

FGF-23 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGF-23 Polyclonal Antibody - Images



FGF-23 Polyclonal Antibody - Background

Regulator of phosphate homeostasis. Inhibits renal tubular phosphate transport by reducing SLC34A1 levels. Upregulates EGR1 expression in the presence of KL (By similarity). Acts directly on the parathyroid to decrease PTH secretion (By similarity). Regulator of vitamin-D metabolism. Negatively regulates osteoblast differentiation and matrix mineralization.