

Product datasheet for **AP23635PU-N**

GATA3 (2-14) Goat Polyclonal Antibody

Product data:

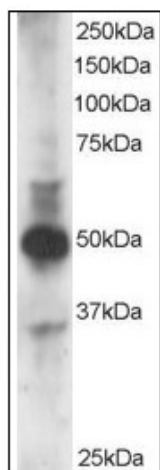
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 3.75 µg/ml. Western Blot: 2 - 4 µg/ml.
Reactivity:	Bovine, Canine, Human, Mouse, Porcine, Rat, Bat, Hamster, Monkey, Rabbit, Sheep
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from the N-terminus of human GATA3 (NP_001002295.1; NP_002042.1)
Specificity:	This antibody reacts to Trans-acting T-cell Specific Transcription Factor Gata-3 (GATA3) at aa 2-14.
Formulation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	GATA binding protein 3
Database Link:	<u>Entrez Gene 14462 Mouse</u> <u>Entrez Gene 85471 Rat</u> <u>Entrez Gene 2625 Human</u> <u>P23771</u>
Background:	Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses.
Synonyms:	GATA-3, GATA-binding factor 3



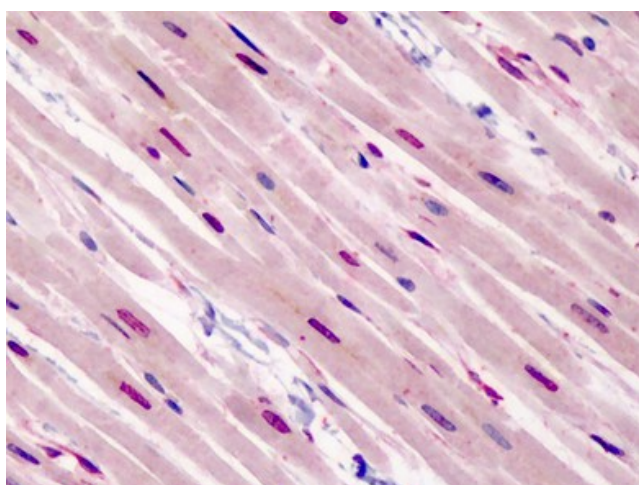
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Protein Families: Adult stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling - JAK/STAT signaling pathway, Transcription Factors

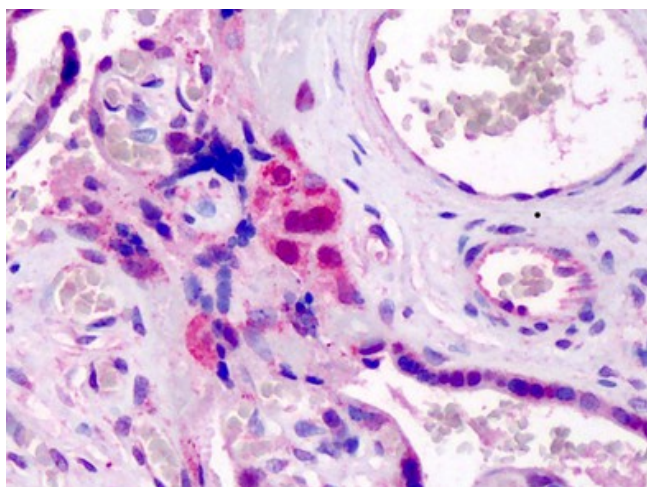
Product images:



Staining (3ug/ml) of MOLT-4 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 12 hour. Detected by chemiluminescence.



Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)