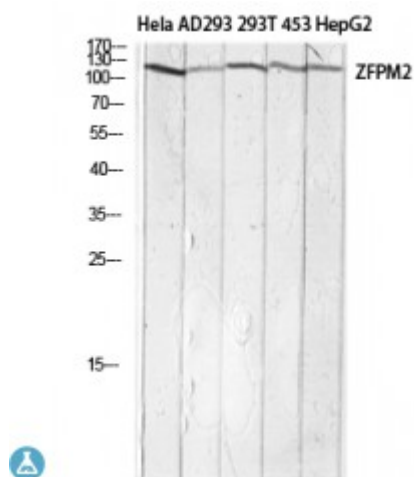


## Anti-FOG-2 antibody



<b>Description</b>	Rabbit polyclonal to FOG-2.
<b>Model</b>	STJ97688
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human FOG-2.
<b>Immunogen Region</b>	921-970 aa, Internal
<b>Gene ID</b>	<a href="#">23414</a>
<b>Gene Symbol</b>	<a href="#">ZFPM2</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:10000
<b>Specificity</b>	FOG-2 Polyclonal Antibody detects endogenous levels of FOG-2 protein.
<b>Tissue Specificity</b>	Widely expressed at low level.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Zinc finger protein ZFPM2 Friend of GATA protein 2 FOG-2 Friend of GATA 2 hFOG-2 Zinc finger protein 89B Zinc finger protein multitype 2
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:16700</a> <a href="#">MIM:187500</a>
<b>Alternative Names</b>	Zinc finger protein ZFPM2 Friend of GATA protein 2 FOG-2 Friend of GATA 2 hFOG-2 Zinc finger protein 89B Zinc finger protein multitype 2
<b>Function</b>	Transcription regulator that plays a central role in heart morphogenesis and development of coronary vessels from epicardium, by regulating genes that are essential during cardiogenesis. Essential cofactor that acts via the formation of a heterodimer with transcription factors of the GATA family GATA4, GATA5 and GATA6. Such heterodimer can both activate or repress transcriptional activity, depending on the cell and promoter context. Also required in gonadal differentiation, possibly be regulating expression of SRY. Probably acts a corepressor of NR2F2 .
<b>Sequence and Domain Family</b>	The CCHC FOG-type zinc fingers 1, 2, 3 and 5 directly bind to GATA-type zinc fingers. The Tyr residue adjacent to the last Cys of the CCHC FOG-type zinc finger is essential for the interaction with GATA-type zinc fingers .
<b>Cellular Localization</b>	Nucleus
<b>Post-translational Modifications</b>	Sumoylation reduces transcriptional repression activity.

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)