

# Anti-SAX antibody ab42105

## 2 References

医薬用外毒物

### 製品の概要

製品名	Anti-SAX antibody
製品の詳細	Rabbit polyclonal to SAX
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-FoFr, WB, IP, ICC
種交差性	<b>交差種:</b> Drosophila melanogaster
免疫原	Synthetic peptide: GCSTSPDQLPMICSQNSLK conjugated to KLH, corresponding to amino acids 107-125 of Fruit fly (Drosophila melanogaster) SAX
	<a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.01% Thimerosal (merthiolate)  Antibody stabilization buffer, with preservatives, consisting of Hepes, NaCl, KCl, glycerol, BSA and chaotropic agents. Preservative: 0.01% Thimerosal (merthiolate)
精製度	Immunogen affinity purified
ポリモノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab42105の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-FoFr		
WB		
IP		
ICC		

#### 追加情報

ICC: 1/200.

IHC-FoFr: Use at an assay dependent dilution (PMID 19619497).

IP: 1/200.

WB: 1/500. Detects a band of approximately 61-65 kDa (predicted molecular weight: 64 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### ターゲット情報

##### 関連性

SAX (saxophone) protein is a receptor for dpp. In Drosophila, the saxophone gene encodes a type I receptor that mediates signaling by decapentaplegic (dpp), a member of the bone morphogenetic protein (BMP) subgroup of TGF beta-type factors. Over expression or mutation in dpp suppress germline stem cell differentiation. The Saxophone gene is expressed ubiquitously. The Saxophone gene gives two products Brk43E and Berk25 and both gene products interact with TGF super family peptide ligands Dpp. Mutations that completely abolish Saxophone activity cause phenotypes that are similar to partial or complete loss of activity of the dpp ligand. The saxophone products have serine threonine kinase activity responsible for phosphorylation and activation of ligands including pMAD, Screw (Scw), and short gastrulation protein (Sog).

##### 細胞内局在

Membrane; single-pass type I membrane protein

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