

## CAB21065

---

### Product Information

<b>Product SKU:</b>	CAB21065	<b>Gene ID:</b>	652	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC52124	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

---

### Additional Information

<b>Observed MW:</b>	47kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	47kDa	<b>Isotype:</b>	IgG

---

### Immunogen Information

**Background:** This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates heart development and adipogenesis. Mutations in this gene are associated with orofacial cleft and microphthalmia in human patients. The encoded protein may also be involved in the pathology of multiple cardiovascular diseases and human cancers.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** ZYME; BMP2B; OFC11; BMP2B1; MCOPS6; BMP4

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 250-350 of human BMP4 (NP\_001193.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.