



Hox B13 (Homeobox Protein B13, PSGD)

Catalog number

H7023-16B

Supplier

United States Biological

Applications:

Suitable for use in ELISA and Western Blot. Other applications not tested.

Recommended Dilution

Western Blot: 1:1000-1:2000

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Rabbit sera with 50% glycerol and 0.025% sodium azide

Purity

Whole antisera

Specificity

Species Crossreactivity: Reacts with Human. Predicted to react with Mouse (100% identity with immunogen), Rat (100% identity with immunogen), Zebrafish (88% identity with immunogen), Japanese ricefish (94% identity with immunogen) and Pufferfish (Fugu) (94% identity with immunogen) due to sequence homology.

Product Type

Pab

Isotype

IgG

Grade

Serum

Applications

E WB

Crossreactivity

Hu Mo Rt

Storage



-20°C

Reference

1. Jung,C., Kim,R.S., Zhang,H.J., Lee,S.J. and Jeng,M.H. HOXB13 induces growth suppression of prostate cancer cells as a repressor of hormone-activated androgen receptor signaling. *Cancer Res.* 64 (24), 9185-9192 (2004).
2. Jung,C., Kim,R.S., Lee,S.J., Wang,C. and Jeng,M.H. HOXB13 homeodomain protein suppresses the growth of prostate cancer cells by the negative regulation of T-cell factor 4. *Cancer Res.* 64 (9), 3046-3051 (2004).