

35-1837: Polyclonal Antibody to Twist2

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	TWIST2
Gene ID :	117581
Uniprot ID :	Q8WVJ9
Format :	Purified
Alternative Name :	DERMO1, MGC117334, bHLHa39
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.26~30(P-K-R-F-G) derived from Human Twist2.

Description

Binds to the E-box consensus sequence 5'-CANNTG-3' as a heterodimer and inhibits transcriptional activation by MYOD1, MYOG, MEF2A and MEF2C. Also represses expression of proinflammatory cytokines such as TNFA and IL1B. Involved in postnatal glycogen storage and energy metabolism. Inhibits the premature or ectopic differentiation of preosteoblast cells during osteogenesis, possibly by changing the internal signal transduction response of osteoblasts to external growth factors. Lee M.S., Lowe G., Flanagan S., Kuchler K., Glackin C.A. Bone 27:591-602(2000)

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blotting 1:100-1:500, Immunohistochemistry 1:100-1:500

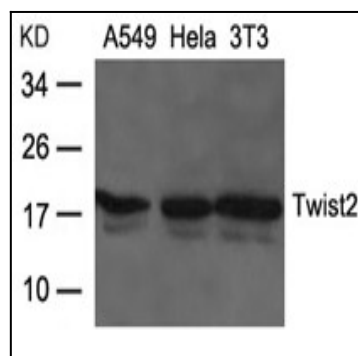


Figure 1: Western blot analysis of extracts from A549, HeLa and 3T3 cells using Twist2 Antibody 35-1837 .