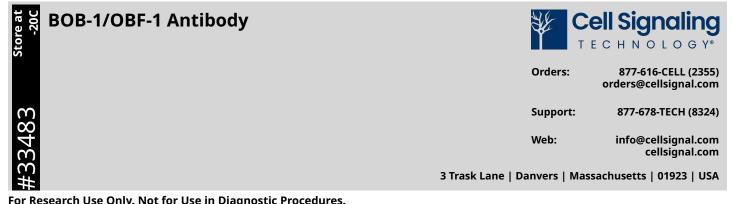
Revision 1



Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 35	Source/Isotype: Rabbit	UniProt ID: #Q16633	Entrez-Gene Id: 5450
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		BOB-1/OBF-1 Antibody recognizes endogenous levels of total BOB-1/OBF-1 protein.				
Species predicte based on 100% s homology		Dog, Pig				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro209 of human BOB-1/OBF-1 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		B cell Oct binding factor-1 (BOB-1/OBF-1) is a B cell restricted transcriptional coactivator. BOB-1 facilitates transactivation of immunoglobulins and other B cell specific genes through the binding and activation of the transcription factors Oct-1 and Oct-2 (1-4). Research studies have demonstrated that BOB-1 expression is required for antigen-dependent B cell maturation (5-7). In pathological conditions such as classical Hodgkin disease, loss of BOB-1 expression is thought, in part, to contribute to the defect in immunoglobulin gene expression by Hodgkin and Reed Sternberg cells (8,9). In the context of multiple myeloma, overexpression of BOB-1 has been shown to contribute to malignant plasma cell growth, in part, through enhanced transactivation of <i>TNFRSF17/BCMA</i> (10).				
Background References		1. Strubin, M. et al. (19 2. Laumen, H. et al. (2 3. Gstaiger, M. et al. (1 4. Brunner, C. and Wir 5. Hess, J. et al. (2001) 6. Kim, U. et al. (1996) 7. Schubart, D.B. et al. 8. Re, D. et al. (2001) 9. Stein, H. et al. (2001) 10. Zhao, C. et al. (2001)	000) Eur J Immunol 1995) Nature 373, 36 th, T. (2006) Nucleic Mol Cell Biol 21, 15 Nature 383, 542-7. . (1996) Nature 383, Cancer Res 61, 2080 1) Blood 97, 496-501	30, 458-69. 50-2. • <i>Acids Res</i> 34, 1807-15. 31-9. 538-42. •4.		
Species Reactivi	ty	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications Key		W: Western Blotting				
Cross-Reactivity Key		H: Human M: Mouse R: Rat				
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