

TBLR1 Polyclonal Antibody

Catalog NumberPA1-41271

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1-3 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic peptide corresponding to residues 200-250 of human TBLR1.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody may cross-react with mouse and rat TBLR1, based on sequence homology. Suggested positive control: human brain tissue, human brain protein.

Background/Target Information

Chromatin organization plays a fundamental role in regulating transcription in eukaryotic cells. The nuclear receptor corepressor (N-CoR) and silencing mediator of retinoid and thyroid hormone receptors (SMRT) play a role in diverse transcriptional repression pathways. N-CoR and SMRT each exist in large protein complexes, and are thought to mediate repression, at least in part, by their ability to recruit histone deacetylases to generate repressive chromatin. HDAC3 is the main HDAC that associates with N-CoR and SMRT complexes, and its presence is thought to be essential for repression. TBLR1 is a WD-40 repeat protein that also associates with N-CoR and SMRT complexes. Although TBLR1 is thought to be a core component of both the N-CoR and SMRT complexes, its role in these complexes remains to be elucidated.

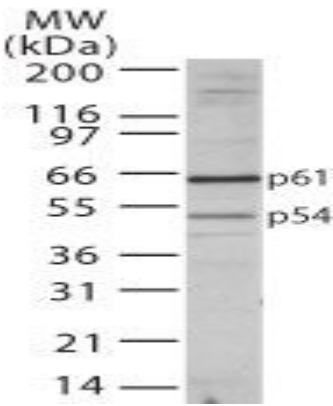
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Product Images For TBLR1 Polyclonal Antibody



TBLR1 Antibody (PA1-41271) in WB

Western blot analysis of the two forms of TBLR1 in 20 ugs of human brain cell lysate using a TBLR1 polyclonal antibody (Product # PA1-41271) at 1 µg/mL.

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