

Product datasheet for **TA306653**

ZNF350 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ZBRK1 antibody was raised against a 20 amino acid peptide near the carboxy terminus of the human ZBRK1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	zinc finger protein 350
Database Link:	NP_067645 Entrez Gene 59348 Human Q9GZX5



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Background:

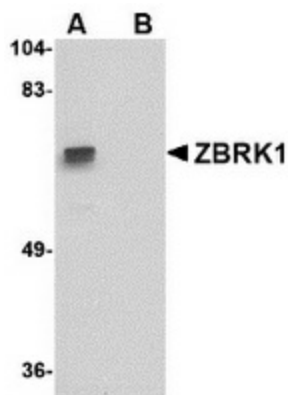
ZBRK1 is a member of the Kruppel-associated box-zinc finger protein (KRAB-ZFP) protein family of transcriptional repressors. ZBRK1 has been shown to not only be up-regulated in senescent fibroblasts but also interacts with BRCA1, a transcriptional regulator with tumor suppressor activity. ZBRK1 binds to a specific sequence within the GADD45 gene, supporting the assembly of a nuclear complex containing BRCA1 and repressing its transcription. Recent experiments demonstrate that ZBRK1 can homo-oligomerize in vitro and in vivo through a C-terminal transcriptional repression domain (CTRD), and this oligomerization facilitates the ZBRK1-directed transcriptional repression through ZBRK1 response elements. These results suggest that higher order ZBRK1 oligomers may assemble through both protein-DNA and CTRD-dependent protein-protein interactions.

Synonyms:

ZBRK1; ZFQR

Protein Families:

Transcription Factors

Product images:

Western blot analysis of ZBRK1 in A-20 lysate with ZBRK1 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.