

Datasheet for ABIN2784350  
**anti-TCF23 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	TCF23
Binding Specificity:	Middle Region
Reactivity:	Mouse, Cow, Dog, Horse, Human, Rabbit, Rat, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCF23 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	RQAFLALQAA LPAVPPDTKL SKLDVLVLAT SYIAHLTRTL GHELPGPAWP
Predicted Reactivity:	Cow: 85%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Tcf23. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	TCF23
Alternative Name:	Tcf23 ( <a href="#">TCF23 Products</a> )
Background:	Tcf23 inhibits E-box-mediated binding and transactivation of bHLH factors. Inhibitory effect is

## Target Details

similar to that of ID proteins. Tcf23 inhibits the formation of TCF3 and MYOD1 homo- and heterodimers. Tcf23 lacks DNA binding activity. Tcf23 may be involved in the regulation or modulation of smooth muscle contraction of the uterus during pregnancy and particularly around the time of delivery. Tcf23 seems to play a role in the inhibition of myogenesis.

Alias Symbols: 2010002016Rik, Out, bHLHa24

Protein Size: 209

Molecular Weight:	23 kDa
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Gene ID:	69852
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NCBI Accession:	<a href="#">NM_053085</a> , <a href="#">NP_444315</a>
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UniProt:	<a href="#">Q9JLR5</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 209 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Rabbit Anti-Tcf23 Antibody  
Catalog Number: ARP50833  
Lot Number: QC23787  
Lane: Mouse Spleen Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

**Image 1.** WB Suggested Anti-Tcf23 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Spleen