antibodies -online.com





Datasheet for ABIN2784350

anti-TCF23 antibody (Middle Region)





Go to Product page

| \sim | |
|------------------------------|-----------|
| ()\/⊝ | view |
| \bigcirc \lor \bigcirc | V I C V V |

| 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 (TCF23 Products) |
| Background: | Tcf23 inhibits E-box-mediated binding and transactivation of bHLH factors. Inhibitory effect is |

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

Gene ID: 69852

NCBI Accession: NM_053085, NP_444315

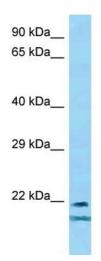
UniProt: Q9JLR5

Application Details

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

Handling

| Format: | Liquid |
|--------------------|---|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| 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. |



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