abcam

Product datasheet

Anti-TGIF2 antibody [EPR5655(2)] ab155948

Recombinant RabMAb

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Overview

Product name	Anti-TGIF2 antibody [EPR5655(2)]
Description	Rabbit monoclonal [EPR5655(2)] to TGIF2
Host species	Rabbit
Tested applications	**Suitable for:** WB, ICC/IF **Unsuitable for:** Flow Cyt,IHC-P or IP
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human TGIF2 (internal sequence). Database link: **Q9GZN2**
Positive control	Human fetal kidney tissue lysate; HeLa cell lysate; Human ovary cancer tissue lysate; HeLa cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20ºC.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR5655(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab155948 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

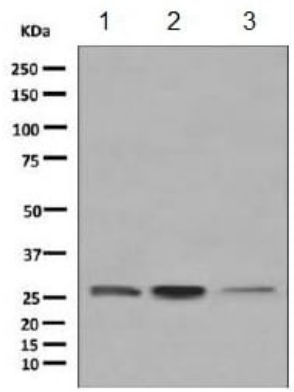
Application	Abreviews	Notes
WB	★★★☆☆ (1)	1/1000 - 1/10000. Predicted molecular weight: 26 kDa.
ICC/IF		1/250 - 1/500.

Application notes Is unsuitable for Flow Cyt,IHC-P or IP.

Target

Function	Transcriptional repressor, which probably repress transcription by binding directly the 5'-CTGTCAA-3' DNA sequence or by interacting with TGF-beta activated SMAD proteins. Probably represses transcription via the recruitment of histone deacetylase proteins.
Tissue specificity	Widely expressed. Highly expressed in heart, kidney and testis. Weakly expressed in brain and prostate.
Sequence similarities	Belongs to the TALE/TGIF homeobox family. Contains 1 homeobox DNA-binding domain.
Post-translational modifications	The C-terminal part is phosphorylated in response to EGF signaling by the Ras/MAPK pathway.
Cellular localization	Nucleus. Excluded from nucleoli.

Images



Western blot - Anti-TGIF2 antibody [EPR5655(2)] (ab155948)

All lanes : Anti-TGIF2 antibody [EPR5655(2)] (ab155948) at 1/1000 dilution

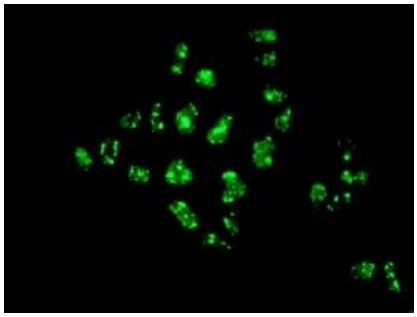
Lane 1 : Human fetal kidney tissue lysate

Lane 2 : HeLa cell lysate

Lane 3 : Human ovary cancer tissue lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 26 kDa



Immunocytochemistry/ Immunofluorescence - Anti-TGIF2 antibody [EPR5655(2)] (ab155948)

Immunofluorescence analysis of HeLa cells, labeling TGIF2 using ab155948 at 1/250 dilution.

Anti-TGIF2 antibody [EPR5655(2)] (ab155948)

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