

Rabbit anti-Human TCF12 Polyclonal Antibody | anti-TCF12 antibody

Anti-TCF12 Antibody, Rabbit Polyclonal

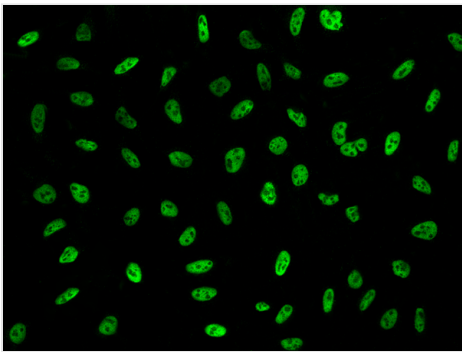
CATALOG # AAA257600	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

TCF12; Polyclonal Antibody; Anti-TCF12 Antibody; Rabbit Polyclonal; TCF12 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-bHLHb20 Antibody; Anti-CRS3 Antibody; Anti-HEB Antibody; Anti-HsT17266 Antibody; Anti-HTF4 Antibody; anti-TCF12 antibody

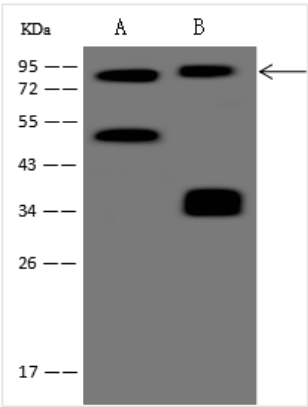
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TCF12
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TCF12 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human TCF12 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TCF12 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IF (Immunofluorescence)

Immunofluorescence staining of TCF12 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human TCF12 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-TCF12 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 73 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-TCF12 antibody	Background: Transcription factor 12 (TCF12) is a member of the basic helix-loop-helix (bHLH) E protein family, which recognizes the E-box sequence and is responsible for cellular development and differentiation. TCF12 has been reported to function as an oncogene or a tumor suppressor gene in the progression of various malignant tumors. TCF12 is a poor prognostic factor of ovarian cancer and that targeting Tcf12 may be a new therapeutic strategy for ovarian cancer treatment. TCF12 may function as a potential therapeutic target for gastric cancer (GC).
References	Yang J, et al. (2019) Tcf12 promotes the tumorigenesis and metastasis of hepatocellular carcinoma via upregulation of cxcr4 expression. Theranostics 9 (20): 5810-5827. Labreche K, et al. (2015) Tcf12 is mutated in anaplastic oligodendroglioma. Nat Commun 6 7207. Gao S, et al. (2019) Tcf12 overexpression as a poor prognostic factor in ovarian cancer. Pathol Res Pract 215 (9): 152527.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.