abcam

Product datasheet

Anti-TCOF1 antibody ab65212

3 References 2 Images

Overview

Product name	Anti-TCOF1 antibody
Description	Rabbit polyclonal to TCOF1
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human TCOF1.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride Without Mg2+ and Ca2+
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab65212 in the following tested applications.

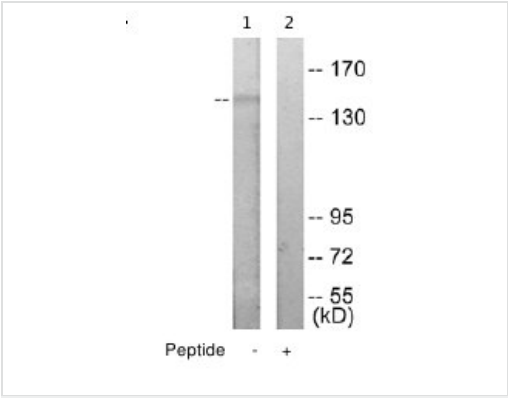
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 152 kDa (predicted molecular weight: 152 kDa).
IHC-P		1/50 - 1/100.

Target

Function	May be involved in nucleolar-cytoplasmic transport. May play a fundamental role in early embryonic development, particularly in development of the craniofacial complex.
Involvement in disease	Defects in TCOF1 are the cause of Treacher Collins syndrome type 1 (TCS1) [MIM:154500]. It is a form of Treacher Collins syndrome, a disorder of craniofacial development. Treacher Collins syndrome is characterized by a combination of bilateral downward slanting of the palpebral fissures, colobomas of the lower eyelids with a paucity of eyelashes medial to the defect, hypoplasia of the facial bones, cleft palate, malformation of the external ears, atresia of the external auditory canals, and bilateral conductive hearing loss.
Sequence similarities	Contains 1 LisH domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus > nucleolus.

Images



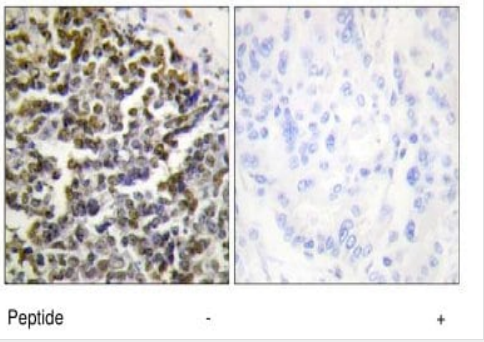
Western blot - Anti-TCOF1 antibody (ab65212)

All lanes : Anti-TCOF1 antibody (ab65212) at 1/500 dilution

Lane 1 : Extracts from Jurkat cells
Lane 2 : Extracts from Jurkat cells, plus immunising peptide

Predicted band size: 152 kDa
Observed band size: 152 kDa

The amount of positive control loading for the WB is 5-30 ug of total protein.
The amount of the peptide for the WB is 5-10 ug.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TCOF1 antibody (ab65212)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using ab65212 at a 1:50 dilution.
Left image untreated.
Right image treated with immunising peptide.

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