abcam

Product datasheet

Recombinant Human TRAP80 protein ab160488

1 Image

Overview

Product name	Recombinant Human TRAP80 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	FSNHVGLGPIESIGNASAITVASPSGDYAISVRNGPESG SKIMVQFPRNQ CKDLPKSDVLQDNKWSHLRGPFKEVQWNKMEGRNF VYKMELLMSALSPCL L
Amino acids	551 to 651
Tags	proprietary tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab160488** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

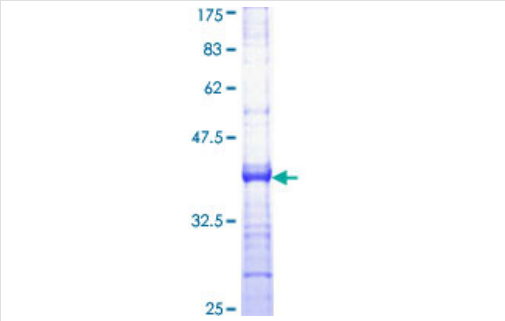
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.
Tissue specificity	Ubiquitous.
Involvement in disease	Defects in MED17 are the cause of microcephaly postnatal progressive with seizures and brain atrophy (MCPHSBA) [MIM:613668]. It is a disorder characterized by postnatal progressive microcephaly and severe developmental retardation associated with cerebral and cerebellar atrophy. Infants manifest swallowing difficulties leading to failure to thrive, jitteriness, poor visual fixation, truncal arching, seizures. There is no acquisition of developmental milestones and patients suffer from marked spasticity and profound retardation. Progressive microcephaly becomes evident few months after birth.
Sequence similarities	Belongs to the Mediator complex subunit 17 family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human TRAP80 protein (ab160488)

ab160488 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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