10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HOM-TES-103 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13792

Product Information

Application	WB
Primary Accession	Q0D2I5
Other Accession	NM_080731, NP_542769
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61979

Additional Information

Gene ID	25900
Alias Symbol	DKFZP586I2223, FLJ20703, MGC117359, IFFO, HOM-TES-103
Other Names	Intermediate filament family orphan 1, Tumor antigen HOM-TES-103, IFFO1, IFFO
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-HOM-TES-103 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	HOM-TES-103 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

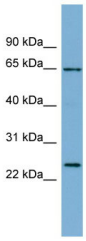
Name	IFFO1 (HGNC:24970)
Synonyms	IFFO
Function	Nuclear matrix protein involved in the immobilization of broken DNA ends and the suppression of chromosome translocation during DNA double-strand breaks (DSBs) (PubMed:31548606). Interacts with the nuclear lamina component LMNA, resulting in the formation of a nucleoskeleton that relocalizes to the DSB sites in a XRCC4-dependent manner and promotes the immobilization of the broken ends, thereby preventing chromosome translocation (PubMed:31548606). Acts as a scaffold that allows the DNA repair protein XRCC4 and LMNA to assemble into a complex at the DSB sites

(PubMed:31548606).

Cellular Location Nucleus. Nucleus, nucleoplasm. Nucleus inner membrane. Nucleus matrix. Note=Mainly soluble, the remaining is localized in the nuclear matrix (PubMed:31548606). Localized at double- strand break (DSB) sites near the lamina and nuclear matrix structures (PubMed:31548606).

Tissue Location Ubiquitously expressed.

Images



WB Suggested Anti-HOM-TES-103 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: ACHN cell lysate
IFFO1 is supported by BioGPS gene expression data to be expressed in ACHN

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.