

HOM-TES-103 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13792**Specification**

HOM-TES-103 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q0D2I5
Other Accession	NM_080731 , NP_542769
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23kDa KDa

HOM-TES-103 antibody - N-terminal region - 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.

HOM-TES-103 antibody - N-terminal region - 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

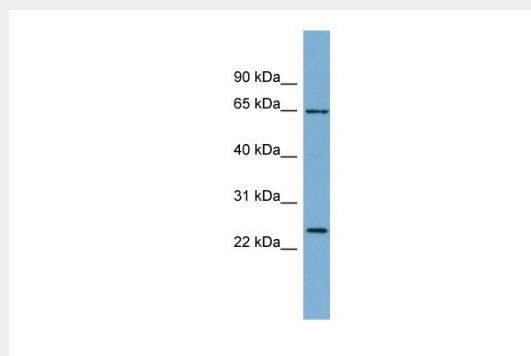
Ubiquitously expressed.

HOM-TES-103 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HOM-TES-103 antibody - N-terminal region - 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