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

HOM-TES-103 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13793

Specification

HOM-TES-103 antibody - C-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 - C-terminal region - Additional Information

Gene ID 25900

Alias Symbol	**DKFZp586I2223, FLJ20703, HOM-TES-103, IFFO, MGC117359**

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 - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HOM-TES-103 antibody - C-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).

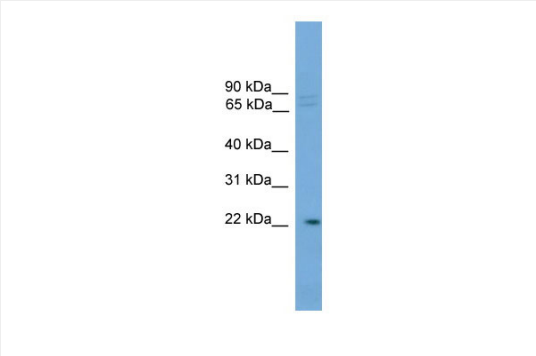
Tissue Location
Ubiquitously expressed.

HOM-TES-103 antibody - C-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 Cytomety
- Cell Culture

HOM-TES-103 antibody - C-terminal region - Images



WB Suggested Anti-HOM-TES-103 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Hela cell lysate