

**DUX1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16606b****Specification**

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**DUX1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O43812](#)**DUX1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 26584**Other Names**

Double homeobox protein 1, DUX1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DUX1 Antibody (C-term) Blocking Peptide - Protein Information****Name** DUX1**Function**

Probable transcription activator. Binds the P5 DNA element sequence 5'-GATCTGAGTCTAATTGAGAATTACTGTAC-3'.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:15709750, ECO:0000269|PubMed:9736770}. Note=Actively transported through the nuclear pore complex (NPC)

**Tissue Location**

Expressed in rhabdomyosarcoma TE671 cells as well as in several other normal and cancer cells

**DUX1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**DUX1 Antibody (C-term) Blocking Peptide - Images****DUX1 Antibody (C-term) Blocking Peptide - Background**

The human genome contains hundreds of repeats of the 3.3-kb family in regions associated with heterochromatin. The DUX gene family, including DUX1, resides within these 3.3-kb repeated elements (Beckers et al., 2001 [PubMed 11245978]). See DUX4 (MIM606009).

**DUX1 Antibody (C-term) Blocking Peptide - References**

Ostlund, C., et al. Biochemistry 44(7):2378-2384(2005) Beckers, M., et al. Gene 264(1):51-57(2001) Ding, H., et al. Hum. Mol. Genet. 7(11):1681-1694(1998)