

PAX7 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10355

Product Information

| | |
|--------------------------|---|
| Application | WB, IHC |
| Primary Accession | P23759 |
| Other Accession | NM_002584 , NP_002575 |
| Reactivity | Human, Mouse, Rat, Zebrafish, Dog, Bovine |
| Predicted | Human, Mouse, Rat, Zebrafish, Chicken, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 55119 |

Additional Information

| | |
|-------------------------------------|---|
| Gene ID | 5081 |
| Alias Symbol | HUP1, RMS2, PAX7B |
| Other Names | Paired box protein Pax-7, HuP1, PAX7, HUP1 |
| 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-PAX7 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 | PAX7 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

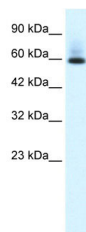
Protein Information

| | |
|--------------------------|---|
| Name | PAX7 |
| Synonyms | HUP1 |
| Function | Transcription factor that is involved in the regulation of muscle stem cells proliferation, playing a role in myogenesis and muscle regeneration. |
| Cellular Location | Nucleus {ECO:0000250 UniProtKB:P47239}. |

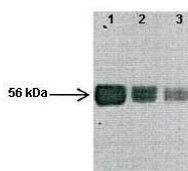
References

Du,S., et al., (2005) Int. J. Cancer 115 (1), 85-92
Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Publications:McDonald, A. A., Kunz, M. D. & McLoon, L. K. Dystrophic changes in extraocular muscles after gamma irradiation in mdx:utrophin(+/-) mice. PLoS One 9, e86424 (2014).
 WB, Rat, Bovine, Dog, Rabbit, Mouse, Guinea pig, Human, Zebrafish24466085

Images



Pax7



See Immunoblot 2 Data and customer Feedback for more Information

WB Suggested Anti-PAX7 Antibody Titration: .5ug/ml

Positive Control: Jurkat cell lysate

Lanes:

1: Mouse skeletal muscle lysate, 2: Mouse skeletal muscle lysate, 3: Mouse skeletal muscle lysate

Primary Antibody Dilution:

1:1

Secondary Antibody:

Anti-rabbit HRP

Secondary Antibody Dilution:

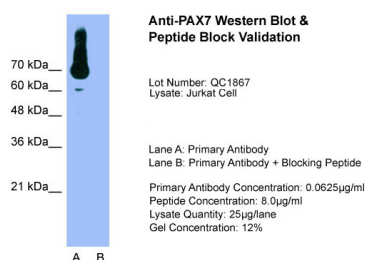
1:1

Gene Name:

PAX7

Submitted by:

Anonymous



Anti-PAX7 Western Blot & Peptide Block Validation

Lot Number: QC1867
Lysate: Jurkat Cell

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 0.0625ug/ml
Peptide Concentration: 8.0ug/ml
Lysate Quantity: 25ug/lane
Gel Concentration: 12%

Host:Rabbit

Target Name:PAX7

Sample Tissue:Jurkat

Lane A: Primary Antibody

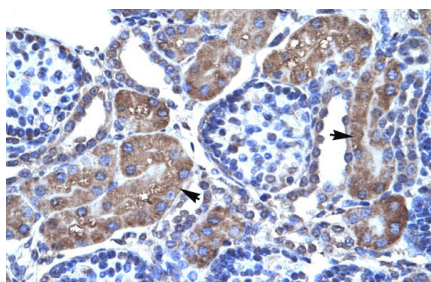
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration:.625ug/mL

Peptide Concentration:8.ug/mL

Lysate Quantity:25ug/lane

Gel Concentration:12%



Rabbit Anti-PAX7 Antibody

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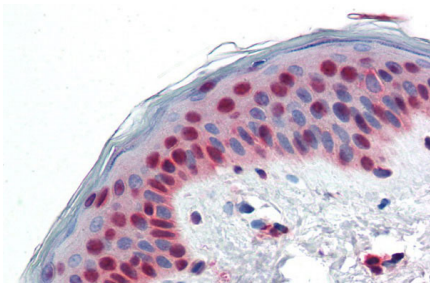
Paraffin Embedded Tissue: Human Kidney

Cellular Data: Epithelial cells of renal tubule

Antibody Concentration: 4.-8. ug/ml

Magnification: 4X

Immunohistochemistry with Human Skin lysate tissue at



an antibody concentration of 5.ug/ml using anti-PAX7 antibody (AI1355)

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