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Rabbit Anti-NOR1 antibody

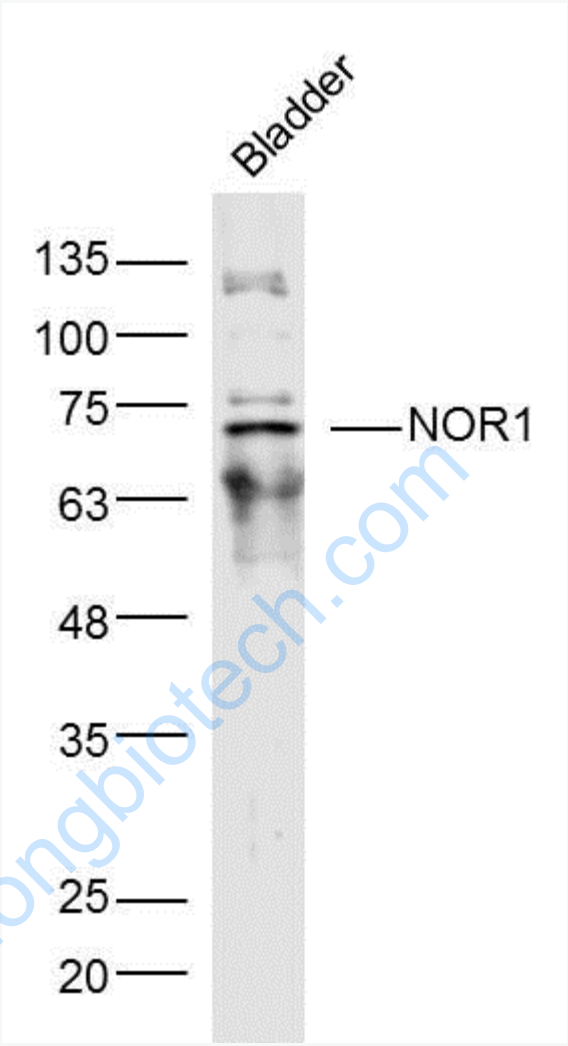
SL11903R

Product Name:	NOR1
Chinese Name:	神经元衍生孤儿受体1抗体
Alias:	CHN; Chondrosarcoma, extraskeletal myxoid, fused to EWS; CSMF; MINOR; Mitogen induced nuclear orphan receptor; Mitogen-induced nuclear orphan receptor; Neuron derived orphan receptor 1; Neuron derived orphan receptor; Neuron-derived orphan receptor 1; NOR1; Nr4a3; NR4A3_HUMAN; Nuclear hormone receptor NOR-1; Nuclear hormone receptor NOR1; Nuclear receptor subfamily 4 group A member 3; TEC; Translocated in extraskeletal chondrosarcoma.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	68kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NOR1:521-626/626
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Nur77 (also designated NGFI-B), Nurr1 (Nur-related factor 1), and NOR-1 (neuron-derived orphan receptor 1) constitute the NGFI-B subfamily within the nuclear receptor

	superfamily. Ligands for these protein have not been identified, and, therefore, they are designated “orphan nuclear receptors”. Genes of the NGFI-B subfamily are classified as immediate-early genes, which are induced rapidly, but transiently, in response to a variety of stimuli. They have been implicated in cell proliferation, differentiation, and apoptosis. The human NOR-1 gene maps to chromosome 9q, and encodes a protein which is expressed in heart, skeletal muscle, thymus, and spleen as well as in brain, where it is developmentally regulated. There-fore, NOR-1 may be involved in regulating neural differentiation. The NOR-1 gene also undergoes chromosomal translocation with the EWS gene to produce a protein thought to affect pre-mRNA splicing. **Function:** Binds to the B1A response-element. **Subcellular Location:** Nucleus. **Tissue Specificity:** Isoform alpha is highly expressed in skeletal muscle. Isoform beta is highly expressed in skeletal muscle and low expressed in fetal brain and placenta. **DISEASE:** Defects in NR4A3 are a cause of Ewing sarcoma (ES) [MIM:612219]. A highly malignant, metastatic, primitive small round cell tumor of bone and soft tissue that affects children and adolescents. It belongs to the Ewing sarcoma family of tumors, a group of morphologically heterogeneous neoplasms that share the same cytogenetic features. They are considered neural tumors derived from cells of the neural crest. Ewing sarcoma represents the less differentiated form of the tumors. Note=A chromosomal aberration involving NR4A3 is found in patients with Erwing sarcoma. Translocation t(9;22)(q22-31;q11-12) with EWSR1. Note=A chromosomal aberration involving NR4A3 is a cause of a form of extraskeletal myxoid chondrosarcomas (EMC). Translocation t(9;17)(q22;q11) with TAF2N. **Similarity:** Belongs to the nuclear hormone receptor family. NR4 subfamily. Contains 1 nuclear receptor DNA-binding domain. **SWISS:** Q92570 **Gene ID:** 8013 **Database links:** Entrez Gene: 8013Human

	Entrez Gene: 18124Mouse Entrez Gene: 397479Pig Entrez Gene: 58853Rat Omim: 600542Human SwissProt: Q92570Human SwissProt: Q9QZB6Mouse SwissProt: P51179Rat Unigene: 279522Human Unigene: 247261Mouse Unigene: 62694Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Bladder (Mouse) Lysate at 40 ug

Primary: Anti- NOR1 (SL11903R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 68 kD

Observed band size: 68 kD