

Rabbit VDR Polyclonal Antibody | anti-VDR antibody

VDR antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198221	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

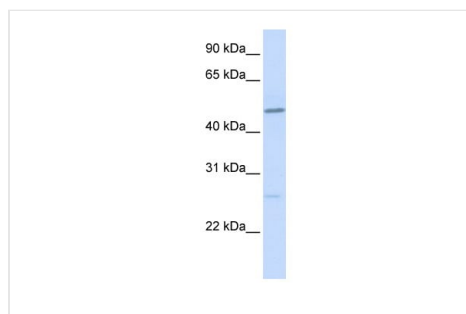
PRODUCT SYNONYMS

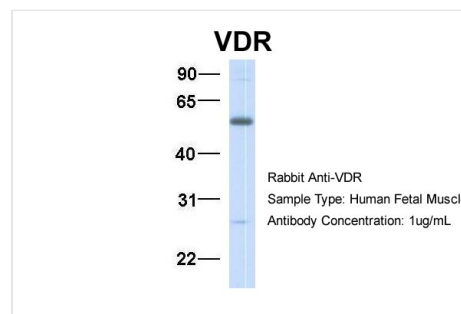
VDR; Polyclonal Antibody; VDR antibody - N-terminal region; anti-VDR antibody

PRODUCT SPECIFICATIONS

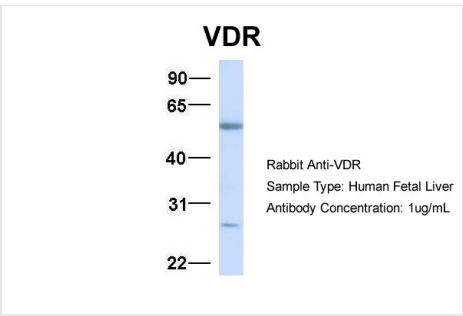
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EA MAASTSLPDP GDFDRNPRI CGVCGDRATG FHFNAMTCEG CKGFFRRS
Sequence Length	427
Applicable Applications for anti-VDR antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human VDR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

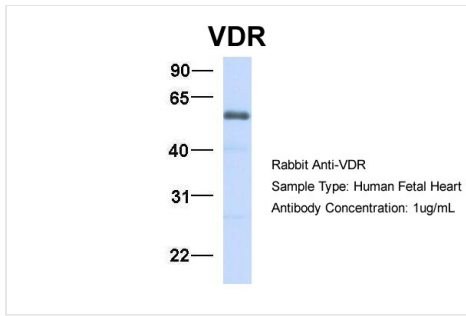
WB Suggested Anti-VDR Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human brain

WB (Western Blot)

Host: Rabbit
Target Name: VDR
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml



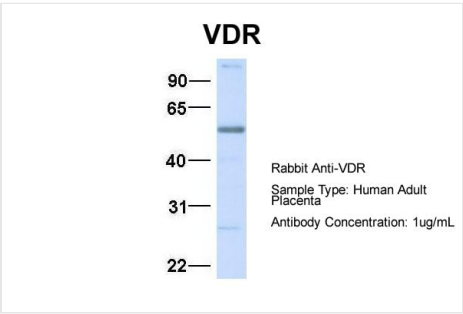
WB (Western Blot)

Host: RabbitTarget Name: VDRSample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: VDRSample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: VDRSample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-VDR antibody

This is a rabbit polyclonal antibody against VDR. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: The nuclear hormone receptor for vitamin D3 also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding the same protein. This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding the same protein.

Product Categories/Family for anti-VDR antibody

[Polyclonal](#); [Transcription Regulation](#); [Transcription Regulation](#); [Chromatin & Nuclear Signaling](#); [Signal Transduction](#); [Disease Related](#); [Receptors](#); [Transcription Factors](#); [Cell Morphogenesis](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507883
NCBI GeneID	7421
NCBI Accession #	NP_000367
NCBI GenBank Nucleotide #	NM_000376
UniProt Accession #	P11473

Molecular Weight	48kDa
NCBI Official Full Name	vitamin D3 receptor isoform VDRA
NCBI Official Synonym Full Names	vitamin D receptor
NCBI Official Symbol	VDR
NCBI Official Synonym Symbols	NR1I1; PPP1R163
NCBI Protein Information	vitamin D3 receptor
UniProt Protein Name	Vitamin D3 receptor
UniProt Gene Name	VDR
UniProt Synonym Gene Names	NR1I1; VDR
UniProt Entry Name	VDR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vdr-antibody-western-blot-elisa/198221>