

## Product datasheet for **TA372520**

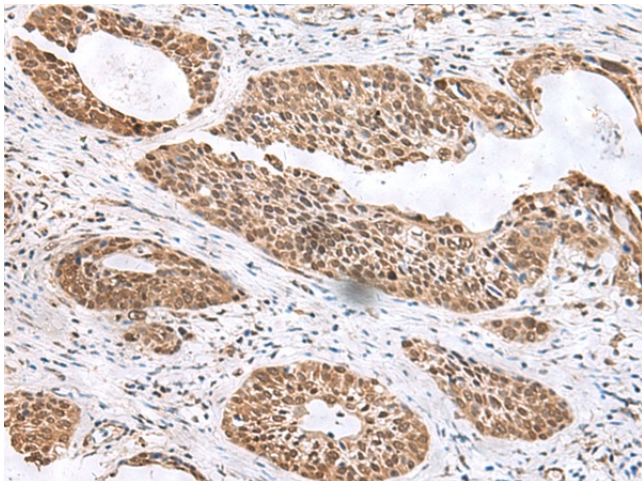
### EXD2 Rabbit Polyclonal Antibody

#### Product data:

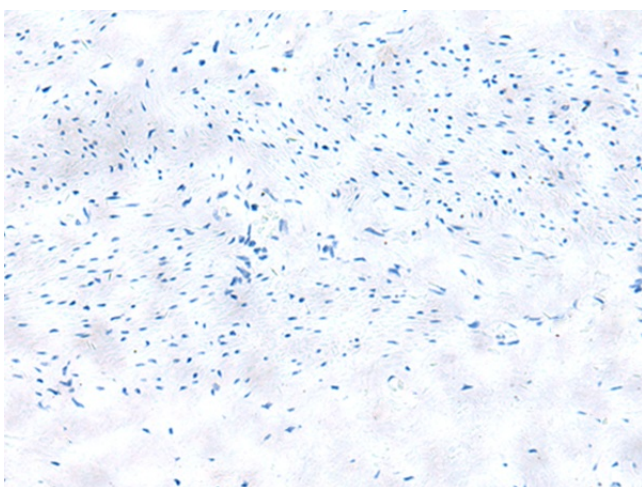
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human EXD2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	exonuclease 3'-5' domain containing 2
Database Link:	<a href="#">Entrez Gene 55218 Human Q9NVH0</a>
Background:	Exonuclease required for double-strand breaks resection and efficient homologous recombination. Plays a key role in controlling the initial steps of chromosomal break repair, it is recruited to chromatin in a damage-dependent manner and functionally interacts with the MRN complex to accelerate resection through its 3'-5' exonuclease activity, which efficiently processes double-stranded DNA substrates containing nicks.
Synonyms:	C14orf114; DKFZp781A0133; DKFZp781L15100; EXDL2; FLJ10738; OTTHUMP00000205813; OTTHUMP00000205816; OTTHUMP00000205817; OTTHUMP00000205818



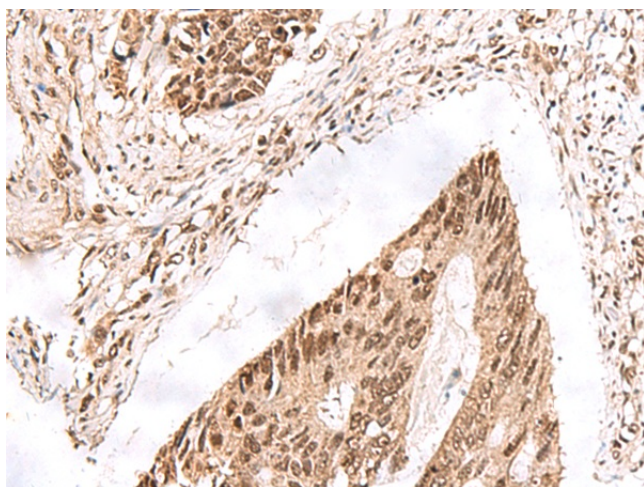
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**Product images:**

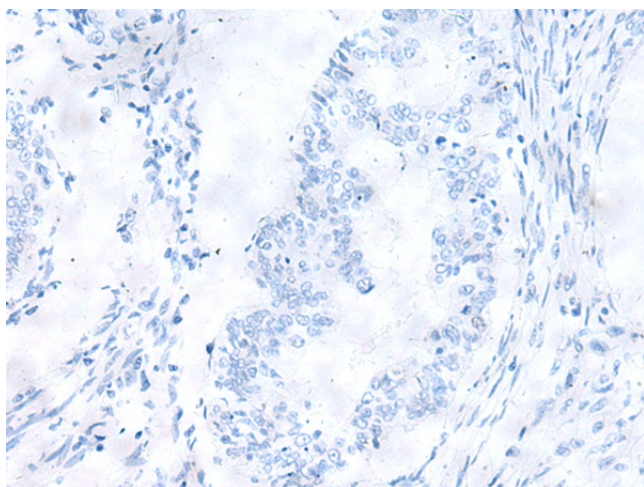
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA372520 (EXD2 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA372520 (EXD2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA372520 (EXD2 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA372520 (EXD2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )