

Product datasheet for **TA387469**

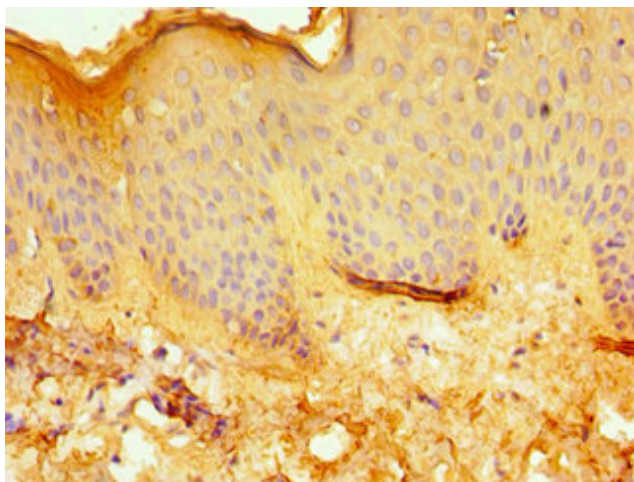
ERCC2 Rabbit Polyclonal Antibody

Product data:

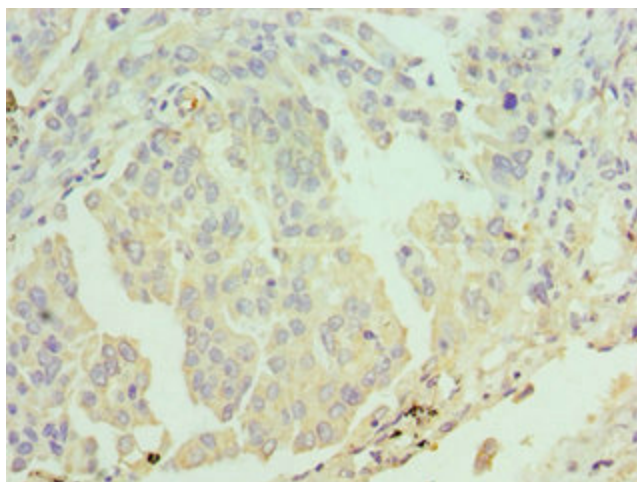
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant Human TFIIH basal transcription factor complex helicase XPD subunit protein (1-300AA) |
| Formulation: | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Concentration: | lot specific |
| Purification: | Antigen Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Stability: | 1 year from dispatch. |
| Database Link: | P18074 |
| Background: | ATP-dependent 5'-3' DNA helicase, component of the core-TFIIH basal transcription factor. Involved in nucleotide excision repair (NER) of DNA by opening DNA around the damage, and in RNA transcription by RNA polymerase II by anchoring the CDK-activating kinase (CAK) complex, composed of CDK7, cyclin H and MAT1, to the core-TFIIH complex. Involved in the regulation of vitamin-D receptor activity. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation. Might have a role in aging process and could play a causative role in the generation of skin cancers. |



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Product images:

Immunohistochemistry of paraffin-embedded human skin tissue using TA387469 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human lung cancer using TA387469 at dilution of 1:100



Western blot

All lanes: TFIIH basal transcription factor complex
helicase XPD subunit antibody at 2 μ g/ml

Lane 1: 293T whole cell lysate

Lane 2: K562 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 87, 47 kDa

Observed band size: 87 kDa